



Tender Notice

Short-Term Tender Notice for Development of AI Course E-Content

Tender No: HKCL/KLC-DP/2026-27/05

**Issued by
Haryana Knowledge Corporation Limited**

1. About HKCL

Haryana Knowledge Corporation Limited (HKCL) works under the administrative control of the Citizen Resource Information Department (CRID), Government of Haryana. HKCL is engaged in promoting digital education, IT literacy, skill development, and technology-enabled learning across the state.

To strengthen its digital learning ecosystem and support various training programs, HKCL intends to procure and implement a Learning Management System (LMS).

2. Invitation of Tender

HKCL invites sealed proposals from its empanelled partners for the development, supply, and delivery of high-quality AI Course E-Content to support structured learning, skill development, practical training, and digital assessments.

The AI course e-content shall be designed to facilitate online, hybrid, and blended learning programmes conducted by HKCL, incorporating interactive learning modules, video lectures, practical demonstrations, hands-on exercises, case studies, quizzes, and assessments to enhance learners' knowledge and practical skills in Artificial Intelligence.

3. Eligibility Criteria

- Only the following entities are eligible to participate:
- The bidder must be an empanelled partner of HKCL.
- The bidder must be either:
 - HKCL empanelled TCIP (Training Coordinator & Implementation Partner).
- The bidder must not have been blacklisted by any Government department or PSU.
- The bidder must have valid GST and PAN registration.
- The bidder must have experience in development / implementation / management of digital platforms, LMS, or education technology solutions.
- The bidder must submit authorization from the competent authority to sign the proposal.

Any proposal received from a non-empanelled agency will be rejected.

4. Scope of Work

The selected agency/vendor shall be responsible for the end-to-end development of AI course e-content, including instructional design, content research, scriptwriting, multimedia production, interactive activities, practical demonstrations, assessments, quality assurance, and final deployment-ready content delivery.

The scope shall include the following 11 modules:

4.1 Module-Wise Content Coverage

Topics / Content Coverage

1. Introduction to Artificial Intelligence

Definition, history, evolution, fundamental concepts, AI terminology, capabilities, limitations, and real-world examples

2. Types & Landscape of Artificial Intelligence

Narrow AI, General AI, Super AI, Generative AI, traditional AI, NLP, Computer Vision, Robotics, and AI ecosystem

3. Machine Learning & Data Fundamentals

AI vs. ML vs. Deep Learning, types of data, supervised and unsupervised learning, reinforcement learning, data preparation, model training and evaluation

4. Large Language Models (LLMs)

Fundamentals of LLMs, Generative AI, popular LLM platforms, prompt engineering, effective prompting techniques, practical applications, limitations, and hallucinations

5. AI Applications & Productivity Tools

AI-powered writing, presentations, spreadsheets, research, image and video generation, communication, document creation, and hands-on demonstrations

6. AI in Everyday Life & Industry Applications

Applications of AI in education, healthcare, agriculture, banking, finance, retail, manufacturing, governance, customer service, and daily activities

7. AI Ethics, Safety & Responsible AI

Ethical AI principles, bias and fairness, data privacy, cybersecurity, misinformation, intellectual property, transparency, accountability, and responsible AI practices

8. Agentic AI & AI Agents

Introduction to Agentic AI, AI agents and their components, autonomous decision-making, reasoning and planning, tool usage, single-agent and multi-agent systems, no-code AI agents, and practical demonstrations

9. AI Automation & Workflow Automation

Introduction to AI automation, workflow design, triggers and actions, no-code automation platforms, integration of AI tools, automated communication, document processing, data handling, and hands-on workflow development

10. AI for Business & Entrepreneurship

AI-based business opportunities, market research, business planning, digital marketing, customer engagement, sales automation, AI-powered entrepreneurship, cost optimization, and practical business use cases

11. The Future of AI & Emerging Trends

Emerging AI technologies, multimodal AI, AI agents, robotics, future workplace transformation, AI-related career opportunities, and lifelong learning

Additional Practical Assessment

Integrated practical assignment, capstone activity, and final course assessment (2 hours)

4.2 E-Content Development Requirements

The selected agency shall develop the course content in accordance with the syllabus and learning outcomes approved by HKCL.

4.2.1 Instructional Design and Content Development

- Prepare a detailed course structure with module-wise topics, subtopics, learning objectives, and estimated learning duration.
- Develop learner-friendly instructional content using simple language and practical examples.
- Ensure logical sequencing of concepts from foundational to application-oriented learning.
- Include real-life examples, industry use cases, and scenario-based learning activities.
- Incorporate practical assignments and exercises wherever applicable.
- Ensure that the content is technically accurate, original, and aligned with contemporary AI developments.

4.2.2 Multimedia E-Content Development

The agency shall develop the following digital learning materials:

- **Video Lectures:** Professionally developed explanatory videos with narration, graphics, animations, and demonstrations.
- **Interactive E-Learning Modules:** Engaging content incorporating animations, illustrations, knowledge checks, and interactive learning activities.

- **Practical Demonstrations:** Screen-recorded tutorials demonstrating the use of AI applications and productivity tools.
- **Presentations and Learning Notes:** Module-wise presentations, downloadable study materials, and reference notes.
- **Hands-on Exercises:** Practical activities enabling learners to apply AI concepts and tools.
- **Case Studies:** Real-world examples illustrating the applications of AI across different sectors.
- **Assessments and Quizzes:** Topic-wise and module-wise objective assessments with answer keys and explanations.

4.2.3 Assessment Development

The agency shall develop an assessment question bank covering all five modules.

The question bank shall include:

- Multiple Choice Questions (MCQs).
- Scenario-based questions.
- Practical application-based questions.
- Module-wise quizzes.
- Final course assessment questions.
- Correct answers with explanations and appropriate difficulty levels.

The number of questions, assessment structure, and difficulty distribution shall be finalized in consultation with HKCL.

4.3 Technical Specifications

The developed e-content shall comply with the following requirements:

Component	Technical Requirement
Video Content	MP4 format, minimum Full HD (1920 × 1080) resolution
Audio	Clear professional narration with synchronized audio
Interactive Content	HTML5-based, compatible with standard web browsers

LMS	SCORM 1.2 / SCORM 2004 or other format approved by
Compatibility	HKCL
Presentations	Editable PPTX format
Study Materials	PDF and editable source formats
Assessments	Excel/CSV or HKCL-prescribed import format
Device	
Compatibility	Desktop, laptop, tablet, and mobile-responsive content
Source Files	Editable project files, scripts, graphics, animations, and related assets
Content	
Language	English or as specified by HKCL
Accessibility	Readable fonts, suitable colour contrast, captions/subtitles wherever applicable

4.4 Quality Assurance and Content Validation

The selected agency shall ensure that:

- All e-content is factually accurate, technically sound, and free from grammatical and typographical errors.
- The course content is original and does not infringe any third-party intellectual property rights.
- Videos, animations, graphics, and interactive elements meet professional production standards.
- AI tools and demonstrations reflect relevant and reasonably current technologies at the time of content approval.
- The content is reviewed by qualified AI subject matter experts before submission.
- All content undergoes functional testing for LMS compatibility and usability.
- Corrections and modifications suggested by HKCL during the review and approval process are incorporated without additional cost within the agreed scope.

5. Deliverables

The selected agency shall submit the following deliverables:

Sr. No.	Deliverable
1	Detailed course curriculum and module-wise instructional design document
2	Complete AI course e-content covering all five modules
3	Video lectures with professional narration and visual explanations
4	Interactive HTML5/SCORM-compatible e-learning modules
5	Practical demonstrations and screen-recorded AI tool tutorials
6	Module-wise presentations and learner study materials
7	Hands-on assignments, practical exercises, and case studies
8	Module-wise quizzes and comprehensive assessment question bank
9	LMS-compatible final content packages
10	Complete editable source files and associated multimedia assets
11	Content review, testing, and quality assurance report
12	Final revised e-content incorporating HKCL feedback and approval

6. Implementation Methodology

The selected agency shall undertake the assignment in the following stages:

Stage 1 – Curriculum Planning and Approval

Submission of the detailed curriculum, instructional design, learning outcomes, module-wise duration, and content development plan for approval by HKCL.

Stage 2 – Sample Content Development

Development and submission of sample video lectures and interactive learning materials to establish the content presentation style, narration quality, and instructional approach.

Stage 3 – Full-Scale Content Development

Development of all five modules, including multimedia content, interactive learning activities, practical demonstrations, assignments, and assessments.

Stage 4 – Review and Quality Assurance

Submission of completed modules to HKCL for academic, technical, and functional review, followed by incorporation of suggested modifications.

Stage 5 – Final Delivery and LMS Integration Support

Submission of approved e-content packages, editable source files, assessment banks, and other deliverables, along with necessary technical assistance for uploading and testing the content on HKCL's LMS.

7. Intellectual Property Rights and Confidentiality

- All e-content, scripts, graphics, animations, presentations, assessment questions, and other materials specifically developed under this assignment shall become the property of HKCL upon acceptance and payment, as per the terms of the agreement.
- The selected agency shall provide complete editable source files and necessary documentation.
- The agency shall not reproduce, distribute, publish, or commercially exploit the developed content without prior written approval from HKCL.
- The agency shall ensure that all third-party software, graphics, audio, videos, and other assets used are appropriately licensed.
- The agency shall maintain confidentiality of all project-related information and materials shared by HKCL.

8. Proposal Submission

Interested empanelled TCIPs must submit the following documents for the **development of Artificial Intelligence (AI) Course E-Content**:

1. **Company Profile** – Details of the organization, expertise, infrastructure, and capabilities in digital e-content development.
2. **HKCL Empanelment Proof** – Valid proof of empanelment with HKCL as an TCIP.
3. **Technical Proposal** – Detailed approach and methodology for the design, development, and delivery of AI course e-content covering 11 chapters and a total duration of 60 hours.
4. **E-Content Development Details** – Proposed instructional design, video lectures, animations, interactive modules, practical demonstrations, case studies, assignments, assessments, and LMS compatibility.
5. **Experience & Past Projects** – Details of similar e-content development projects, particularly in Artificial Intelligence, emerging technologies, digital skills, or related training programmes.
6. **Implementation Plan** – Chapter-wise content development schedule, project milestones, quality assurance process, review mechanism, and final delivery timeline.
7. **Sample E-Content** – Sample video lecture, interactive learning module, or previously developed AI-related e-content demonstrating the bidder's content development capabilities.
8. **Commercial Proposal** – Detailed financial quotation for the complete development and delivery of AI course e-content, including all applicable costs and taxes.

All pages of the proposal must be duly signed and stamped by the authorized signatory.

9. Evaluation Process

The proposals for **AI Course E-Content Development** will be evaluated based on the following criteria:

Sr. No.	Evaluation Criteria	Weightage
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1	Technical Quality, Content Coverage & Interactive E-Content Features	40%
2	Experience & Past Projects in E-Content Development	20%
3	Content Development Methodology & Implementation Plan	20%
4	Commercial Proposal	20%
	Total	100%

10. Key Dates

Activity	Date
Issue of Tender	27 October 2026
Last Date for Submission	3 November 2026
Technical Evaluation	4 November 2026
Presentation / Demo	5 November 2026
Final Selection	5 November 2026

11. Submission Address

Proposals should be submitted to:

Managing Director & CEO
Haryana Knowledge Corporation Limited
Plot No. 1, 4th Floor, South Wing
HSIIDC IT Park, Sector 22
Panchkula, Haryana – 134109
Email: md@hkcl.in

12. General Terms

- HKCL reserves the right to accept or reject any proposal, in whole or in part, without assigning any reason.
- HKCL may seek clarifications, additional documents, or sample e-content demonstrations from bidders during the evaluation process.

- The selected bidder shall sign a Non-Disclosure Agreement (NDA) with HKCL to ensure confidentiality of all project-related information.
- The selected bidder shall develop and deliver the AI course e-content in accordance with the curriculum, technical specifications, and quality standards approved by HKCL.
- All developed e-content, including videos, presentations, animations, assessments, and editable source files, shall become the intellectual property of HKCL upon completion, acceptance, and payment as per the agreement.
- The bidder shall ensure that the developed content is original, technically accurate, free from copyright infringement, and suitable for integration with HKCL's Learning Management System (LMS).
- Any modifications or corrections suggested by HKCL during the review and approval process shall be incorporated by the selected bidder without additional cost, within the agreed scope.
- The selected bidder shall complete the assignment within the mutually agreed timeline and provide necessary technical support during content integration and testing.
- HKCL reserves the right to modify the course structure, content requirements, or project scope before finalization of the agreement.

