

# **Malaviya National Institute of Technology Jaipur**

**Jawahar Lal Nehru Marg, JAIPUR-302017 (Rajasthan)**

**Ministry of Education  
(Government of India)**



## **Single Tender Enquiry**

**For**

**Procurement of MATLAB Software Campus wide suite**

**NIT Number: F5(1255)ST/MNIT/CCC/2022**

**Date:15.03.2023**

# MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY

## JLN MARG, JAIPUR-302017

To,

M/s. MathWork India Private Limited

Or (it's authorized dealer/distributor)

M/s. ....

.....

.....

Email id:

Sub: Invitation for Quote for the Purchase “MATLAB Software Campus Wide suite”

Registrar, Malaviya National Institute of Technology Jaipur invites Quote from M/s. MathWork India Private Limited , The hard copy of your offer addressed to the Office of Deputy Registrar (Stores & Purchase) MNIT, JLN Marg, Jaipur- 302017 is required to be submitted on or before Dated 06.04.2023. The important information related to tender are as follows:

Sr. No.	Name of Item	Qty.	Specifications
1	MATLAB Software Campus Wide suite for 05 Years <b>Includes:</b> <ul style="list-style-type: none"><li>• Full Suite</li><li>• MATLAB Academic Online training Suite</li><li>• MATLAB Grader</li></ul>	Unlimited	As per Annexure – F

**1. The bids should contain the following document:**

- i. Detailed technical product catalogue.
- ii. Bidder should be the manufacturer / authorized dealer. In case bidder submitted the bid on behalf of OEM than Letter of Authorization from original equipment manufacturer (OEM) specific to the tender enquiry should be enclosed (as per Annexure A).
- iii. A certificate from OEM to the affect that the said good/software is a proprietary item
- iv. A certificate to the affect that the price quoted by you is the lowest and not more than the price quoted to other Educational Institutes in India.
- v. A certificate to the affect that your firm has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.
- vi. List of industrial and educational establishments where the items enquired have been supplied must be provided.
- vii. Previous Purchase Order's.

**2. Validity:** The validity of the offer shall remain valid for 90 days from the date of submission of the offer.

3. **Award of Contract** MNIT, Jaipur shall award the contract to the bidder whose bid has been accepted and determined as responsive.
4. **Installation:** The supplier is required to do the installation and demonstration of the equipment / software within two weeks of the arrival of materials at the MNIT Jaipur, site of installation.
5. **Performance Security:** 3% of the contract value valid till warranty period plus 60 days. The supplier shall require to submit the performance security in the form of irrevocable bank guarantee issued by any commercial bank in the prescribed format (**Annexure - D**) for an amount which is stated at the “Schedule” of the tender document within 10 days from the date of receipt of the purchase order/LC and should be kept valid for a period of 60 days beyond the date of completion of warranty period.
6. **Warranty:** Warranty period shall be (Five year comprehensive warranty) from date of installation of Goods and acceptance at MNIT Jaipur. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests. The warranty should be comprehensive on site.
7. **Payment Terms:** For Indigenous supplies, 100% payment shall be made by the Purchaser against delivery, inspection, successful installation, commissioning and acceptance of the equipment at MNIT Jaipur in good condition and to the entire satisfaction of the Purchaser.
  - i. GST Deduction at source as per Order/ notification of the Govt.
  - ii. GST No of MNIT Jaipur is **08AAAJM0351L1Z6**
  - iii. HSN/SAC No of the items must be clearly mentioned in the quotation along with GST No.
  - iv. MNIT Jaipur is exempted from paying custom duty under notification No.51/96 (partially or full) and necessary “Custom Duty Exemption Certificate” can be issued after providing following information and Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute, no certificate will be issued to third party:
8. **Defective Equipment:** If any of the equipment supplied by the Supplier is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Supplier with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 7 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, MNIT Jaipur may consider "Banning" the supplier.
9. **Liquidated Damages (L.D):** If a supplier fails to execute the order in time as per the terms and conditions stipulated therein, it will be open to the purchaser to recover liquidated damages for delay in delivery and installation from the supplier at the rate 0.5% of the value of the order per week subject to a maximum of 10% of the total order value. The L.D charges can be increased in case of gross violation of the Purchase Order terms as decided by the Director of the Institute.
10. Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact (as mentioned in **Annexure- B**) as per Buyer organizations policy along with bid.
11. **Cancellation:** MNIT Jaipur reserves the right to accept or reject or cancel any or all enquiries or quotations at any stage without assigning any reason thereof.

- 12.** The bid submission of last Date & Time- **06<sup>th</sup> April, 2023 by 02.00 PM**
- 13.** All disputes are subject to Jaipur jurisdiction.
- 14.** Must ensure to submit Declaration of Local Content. (Annexure-C)
- 15.** Must ensure the price bid/financial bid be furnished as per the price bid format (Annexure-D)
- 16.** Must ensure to submit duly signed checklist (as per Annexure- E)

**Deputy Registrar (S&P)**

**MANUFACTURERS' AUTHORIZATION FORM**

[The Tenderer shall require the Manufacturer to fill in this Form in accordance with the Instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer].

Date: [insert date (as day, month and year) of Bid Submission]

Tender No.: [insert number from Invitation for Bids]

To: [insert complete name and address of Purchaser] WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Tenderer] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with the Terms and Conditions, with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer] Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Tenderer] Dated on       day of,

[insert date of signing]

**INTEGRITY PACT**

**(To be executed on plain paper and submitted along with technical bid/tender documents)**

Malaviya National Institute of Technology jaipur (MNIT) hereinafter referred to as “The Principal”.

AND

.....hereinafter referred to as “The Bidder/Contractor”

**PREAMBLE**

The Principal intends to award, under laid down organizational procedures, contract/s for . The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of and of fairness/transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

**Action 1 – Commitments of the Principal.**

1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the personal is not legally entitled.

b) The Principal will during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the process or the contract execution.

c) The Principal will exclude from the process all known prejudiced persons.

2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

**Section 2 – Commitments of the Bidder(s)/Contractor(s)**

1. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

a. The Bidder(s)/contractor(s) will not, directly or through any other persons or firm, offer promise or give to any of the Principal’s employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage or during the execution of the contract.

b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractors will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or documents provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the bidder(s)/contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. All the payments made to the India agent/representative have to be in Indian Rupees only.

e. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

f. The Bidder(s)/Contractor (s) who have signed the Integrity Pact shall not approach the courts while representing the matter to IEMs and shall wait for their decision on the matter.

2. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### **Section 3: Disqualification from tender process and exclusion from futurecontract**

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or to terminate the contract, if already signed, for such reasons.

### **Section 4 : Compensation for Damages**

1. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.

2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, The Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

### **Section 5 : Previous Transgression**

1. The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the TII's anti corruption approach or with any other public sector enterprise in India that could justify his exclusion from the tender process.

2. If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process and appropriate action can be taken including termination of the contract, if already awarded, for such reason.

#### **Section 6: Equal treatment of all Bidders / Contractors / Sub -contractors.**

1. In case of sub –contracting, the Principal Contractor shall take the responsibility of adoption of Integrity Pact by the Sub – Contractor.
2. The Principal will enter into agreements with the identical conditions as this one with all bidders and Contractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

#### **Section 7: Criminal charges against violation Bidder(s) / Contractor(s) / Subcontractors(s).**

If the Principal obtains knowledge of conduct of a Bidder(s)/ Contractor(s) which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

#### **Section 8 : Independent External Monitor/Monitors**

1. The Principal appoints competent and credible Independent External Monitor for this Pact after approval of Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. The Monitor will have access to all contract documents, whenever required. It will be obligatory for him to treat the information and documents of bidders /contractors as confidential. He reports to the Registrar of MNIT.
3. The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors.
4. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality. The Monitor has also signed declarations on “Non – Disclosure of Confidential Information” and of “Absence of Conflict of Interest” In case of any conflict of interest arising at a later date, the IEM shall inform Registrar of MNIT and recuse himself/herself from the case.
5. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
6. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond



this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

7. The Monitor will submit a written report to the Registrar of MNIT within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.

8. If the Monitor has reported to the Registrar of MNIT, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Registrar of MNIT has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

9. The word "Monitor" word include both singular and plural.

#### **Section 10 : Pact Duration**

This pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidder 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Registrar of MNIT.

#### **Section 11 : Other Provisions**

- This agreement is subject to Indian Law. Place of performance and jurisdiction is the registered office of the Principal i.e. Jaipur (Rajasthan)
- Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- If the contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- Issues like Warranty/Guarantee etc. shall be outside the purview of the IEMs.
- In the event of any contradiction between the Integrity Pact and its Annexure, the clause in the Integrity Pact will prevail.

(For & on behalf of the Principal)

(For& on behalf of Bidder/Contractor)

(Office Seal)

(Office Seal)

Place

Date

Witness 1 :  
(Name &Address)

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Witness 2 :  
(Name & Address)

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Witness 1:  
(Name & Address)

Witness 2:  
(Name&Address)

**DECLARATION OF LOCAL CONTENT**

**[For Local Content of Products, Services or Works]**

(To be given on Company Letter Head – For tender value below Rs.10 Crores)

(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above Rs.10 Crores)

To,  
The Registrar  
MNIT Jaipur

Subject: Declaration of Local Content

Tender reference No. \_\_\_\_\_

1. Country of Origin of Goods being offered: \_\_\_\_\_
2. With reference to Order No. P- 45021/2/2017-PP(BE-II) dated 16-09-2020 of DPIIT, Ministry of Commerce and Industry, Govt. of India, we fall under the following category of supplier (please tick the correct category) for the items for which this tender has been floated and being bided.
  - Class I local supplier – has local content equal to more than 50%. Local contents added at \_\_\_\_\_ (name of location).
  - Class II local supplier – has local content more than 20% but less than 50%. Local contents added at \_\_\_\_\_ (name of location).
  - Non-local supplier – has local content less than or equal to 20%. Local contents added at \_\_\_\_\_ (name of location).
3. We are solely responsible for the above mentioned declaration in respect of category of supplier. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which we may be debarred for up to 2 years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Signature of Bidder/ Agent

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization Name: \_\_\_\_\_

## Annexure –D

**FORMAT FOR PRICE BID SUBMISSION**

(In letterhead of the supplier with seal)

1	2	3		4	5			6	7				8
					Price per unit (Rs.)				Delivery Charges (Rs.)				
Sl. No.	Name of Goods	Part Item Sl. No.	Name of Part-Item	Accounting unit & quantity	Ex-factory/ ex-warehouse / ex-show room off-the shelf	GST payable	Overall Basic unit price (Col. a+b)	Total Item price	Packing and forwarding	Transit Insurance, Other duties and taxes, if any (other than sales tax) and incidental costs	Any other charges (please specify)	Total Inland Transportation	Total Bid Price (Rs.)
1	2	3		4	5(a)	5(b)	5(c) = 5(a)+5(b)	6 = 4x 5(c)	7(a)	7(b)	7(c)	7= 7(a)+7(b)+7(c)	(6)+(7)
1	MATLAB Software Campus wide suite												
<b>GRAND TOTAL</b>													

Total bid price (for Indian components) in Indian Currency\*: (in figures) : .....

(in words): .....

Signature of Bidder/ Agent

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

**Annexure – E****MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**

The bidders submitting quotations for the supply of items must ensure to fill the checklist as mentioned below:

<b>S.No.</b>	<b>Document/Details sought for</b>	<b>Page No.</b>	<b>Yes</b>	<b>No</b>
1	Detailed technical product catalogue.			
2	Bidder must be manufacturer/authorized distributor/dealers and they have to enclose a certificate of authorization of manufacturer in format at Annexure –A, (Authorization certificate in any other format will not be valid) OEM itself or any one authorized dealer on behalf of OEM a may participate in bid. OEM and its dealers both may not participate at the same time.			
3	A certificate from OEM to the effect that the said good /software is a proprietary item			
4	A certificate to the affect that the price quoted by you is the lowest and not more than the price quoted to other Educational Institutes in India.			
5	A certificate to the affect that your firm has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency / Govt. Department / Public Sector Undertaking in the last three years.			
6	List of industrial and educational establishments where the items enquired have been supplied must be provided.			
7	Previous Purchase Order's.			
8	Declaration of Local Content			

Any other important point requested in the bid invitation letter

## **Technical Specifications**

**Technical Specification consists details of:**

- **Products in MATLAB and Simulink Full Suite as of 2022b**
- **MAOTS (MATLAB Academic Online Training Suite)**
- **MATLAB Grader**
- **MATLAB Software Campus Wide suite for 05 Years**

## **Products in MATLAB and SIMULINK Full Suite as of R2022b**

5G Toolbox  
Aerospace  
Blockset  
Toolbox Audio Toolbox  
Automated Driving Toolbox

Bioinformatics Toolbox  
Bluetooth Toolbox  
Communications Toolbox  
Computer Vision Toolbox  
Control System Toolbox  
Curve Fitting Toolbox  
Data Acquisition Toolbox  
Database Toolbox  
Datafeed Toolbox  
DDS Blockset  
Deep Learning HDL Toolbox  
Deep Learning Toolbox  
DSP HDL Toolbox  
DSP System Toolbox  
Econometrics Toolbox  
Embedded Coder  
Filter Design HDL Coder  
Financial Instruments Toolbox  
Financial Toolbox  
Fixed-Point Designer

Global Optimization Toolbox  
GPU Coder  
HDL Coder  
HDL Verifier  
Image Acquisition Toolbox  
Image Processing Toolbox  
Industrial Communication  
Toolbox  
Instrument Control Toolbox  
Lidar Toolbox  
LTE Toolbox Mapping  
Toolbox MATLAB  
MATLAB Coder

MATLAB Compiler  
MATLAB Compiler  
SDK MATLAB  
Parallel Server  
MATLAB Production Server

MATLAB Web App Server  
Medical Imaging Toolbox  
Mixed-Signal Blockset  
Model Predictive Control Toolbox  
Model-Based Calibration Toolbox  
Motor Control Blockset  
Navigation Toolbox  
Online Training Suite  
Optimization Toolbox Parallel  
Computing Toolbox  
Partial Differential Equation  
Phased Array System Toolbox  
Polyspace Bug Finder  
Polyspace Code Prover  
Powertrain Blockset  
Predictive Maintenance Toolbox  
Radar Toolbox  
Reinforcement Learning Toolbox  
Requirements Toolbox  
RF Blockset

RF PCB<sup>®</sup> Toolbox  
Risk Management Toolbox  
Roadrunner  
Roadrunner Asset Library  
Roadrunner Scenario Robotics  
System Toolbox  
Robust Control Toolbox  
ROS Toolbox  
Satellite Communications Toolbox  
Sensor Fusion and Tracking  
Toolbox SerDes  
Toolbox  
Signal Processing Toolbox  
Signal Integrity Toolbox  
SimBiology

SimEvents  
Simscape  
Simscape  
Simscape Driveline  
Simscape Electrical

SimscapeMultibody  
Simulink  
Simulink 3D Animation  
Simulink Check  
Simulink Code Inspector  
Simulink Coder  
Simulink Compiler  
Simulink Control Design  
Simulink Coverage  
Simulink Design  
Simulink Design Verifier  
Simulink Desktop Real-  
Simulink PLC Coder  
Real-Time  
Simulink Report  
Simulink Test  
SoC Blockset  
Spreadsheet Link  
Stateflow  
Statistics and Machine

Learning  
Symbolic Math Toolbox  
System Composer  
System Identification  
Text Analytics Toolbox  
UAV Toolbox  
Vehicle Dynamics  
Vehicle Network Toolbox  
Vision HDL Toolbox  
Wavelet Toolbox  
Wireless HDL Toolbox  
Wireless Testbench  
WLAN Toolbox

## **MAOTS (MATLAB Academic Online Training Suite)**

### **Includes following Online Trainings:**

Full-fledged courses:

1. MATLAB Fundamentals
2. MATLAB for Financial Applications
3. MATLAB for Data Processing and Visualization
4. MATLAB Programming Techniques
5. Machine Learning with MATLAB
6. Deep Learning with MATLAB
7. Introduction to Linear Algebra
8. Solving Ordinary Differential Equations with MATLAB
9. Solving Nonlinear Equations with MATLAB
10. Introduction to Statistical Method with MATLAB
11. Introduction to Symbolic Math with MATLAB

Onramp:

12. MATLAB Onramp
13. SIMULINK Onramp
14. Circuit Simulation Onramp
15. Machine Learning Onramp
16. Deep Learning Onramp
17. Reinforcement Learning Onramp
18. Image Processing Onramp
19. Signal Processing Onramp
20. Wireless Communications Onramp
21. Simscape Onramp
22. Stateflow Onramp
23. Control Design Onramp with SIMULINK
24. Optimization Onramp



## **MATLAB Grader**

Create interactive course problems and automatically grade MATLAB code in any learning environment.

### **Autograded Student Solutions with Custom Scoring Rubrics**

- Options for both pass/fail and weighted grading
- Ability to choose from standard assessment types or write your own assessments in MATLAB code
- Students receive real-time contextual feedback on their solutions

### **Individual and Aggregate Student Performance Analytics**

- Solution maps show size, time of arrival, and distance from the reference solution
- Includes a complete history of student's attempts to find the correct solution
- Student outcomes are available to instructors and authorized teaching assistants

### **A Library of Reusable Example Courses and Problems**

- Templates of common assessment types for both script and function-based problems
- Examples include advanced assessment scenarios such as randomized input parameters and evaluation of plots
- Ability to add examples to your existing course with a single click, and modify them to match your topic

### **Other Features**

- A browser-based authoring environment—nothing to install or maintain
- Creation and sharing of MATLAB based assignments
- Rich text, images, hyperlinks, and LaTeX equations in problem descriptions
- A responsive layout for use beyond desktops for all users
- Optional LMS integration to bring autograding into any learning environment. MATLAB Grader is IMS certified.
- MATLAB Grader complies with privacy laws, GDPR, and Privacy Shield.