

### भारतीय प्रौद्योगिकीसंस्थानमद्रासचेन्नै 600 036 INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036 भंडार एवं क्रय अनुभाग STORES & PURCHASE SECTION Email: adstores@iitm.ac.in दूरभाषः (044) 2257 8285 / 8286 / 8287 / 8288 फेक्सः (044) 2257 8292 Telephone : (044) 2257 8285/8286/8287/8288 FAX: (044) 2257 8292 GSTIN: 33AAAAI3615G1Z6

Mrs. P.K. Sheba Sabari Assistant Registrar (Stores & Purchase)

Date: 29.02.2024

## CORRIGENDUM - II

# SUPPLY OF INDUCTIVITY COUPLED PLASMA SPECTROSCOPY – 1 No. Tender No. IITM/SPS/ICPS/036/GTE/2023-24/SPL

1. In Page No. 12 & 17 of 25, Sl.No. 2 of Technical Specification and Technical Compliance of tender may be read as:

Spectrometer	<ul> <li>Dual View (Radial and Axial) simultaneous polychromator-based ICP system for precise sample analysis as per requirement.</li> <li>The instrument optical warm up time should be less than 10 minutes.</li> </ul>	
	<ul> <li>The system should have integration time minimum up to 1 second.</li> </ul>	
	Instead of	
Spectrometer	<ul> <li>DUAL VIEW (Radial and Axial) ICP system for precise sample analysis as per requirement.</li> </ul>	
	• The instrument optical warm up time should be less than 10 minutes.	
	<ul> <li>The system should have integration time minimum up to 1 second.</li> </ul>	

2. In Page No. 12 & 17 of 25, Sl.No. 4 of Technical Specification and Technical Compliance of tender may be read as:

Gas flow control	<ul> <li>System should be equipped with Electronic flow controllers or equivalent for precise control of variable gas flow rate for the flexible operation: <ul> <li>Variable Plasma gas Flow: 8-15 L/min or better</li> <li>Variable Auxiliary gas Flow: 0-2 L/min with 0.1 L /min increment or better</li> <li>Variable Nebulizer gas Flow: 0-1.5 L/min or better with 0.01 L/min increment or better</li> </ul> </li> </ul>
Gas flow control	Instead ofSystem should be equipped with Electronic flow controllers or equivalent for precise control of variable gas flow rate for the flexible operation:Variable Plasma gas Flow: 8-15 L/min or betterVariable Auxiliary gas Flow: 0-2 L/min with 0.1 L /min increment or betterVariable Nebulizer gas Flow: 0-2 L/min with 0.01 L/min increment or better

#### 3. In Page No. 12-13 & 17 of 25, Sl.No. 5 of Technical Specification and Technical Compliance of tender may be read as:

Detector and	<ul> <li>Instrument should be equipped with Charge Coupled device (CCD) Detector.</li> </ul>
wavelength range:	<ul> <li>Detector should be completely sealed and should not require argon gas purging.</li> </ul>
	<ul> <li>The actual resolution (not the pixel resolution) of the system should ≤0.009 nm at 200 nm or better.</li> </ul>
	<ul> <li>The spectrometer must cover full spectral range from 167-780nm or more with capability of measuring UV wavelengths without any compromise on sensitivity.</li> </ul>
	<ul> <li>System should be able to analyze all wavelengths in a single run by axial and</li> </ul>
	radial views in a single method.

	<ul> <li>It should have the facility to add any wavelength in method which is not available in library and scan it for analysis.</li> <li>System should be capable to do Br and I.</li> </ul>
	Instead of
Detector and	<ul> <li>Instrument should be equipped with Charge Coupled device (CCD) Detector.</li> <li>Detector should be completely sealed and should not require argon gas</li> </ul>
wavelength range:	<ul> <li>purging.</li> <li>The actual resolution (not the pixel resolution) of the system should ≤0.009 nm at 200 nm or better.</li> <li>The spectrometer must cover full spectral range from 167-890 nm or more with capability of measuring UV wavelengths without any compromise on sensitivity.</li> <li>System should be able to analyze all wavelengths in a single run by axial and radial views in a single method.</li> <li>It should have the facility to add any wavelength in method which is not available in library and scan it for analysis.</li> <li>System should be capable to do Br and I.</li> </ul>

### 4. In Page No. 13 & 18 of 25, Sl.No. 7 of Technical Specification and Technical Compliance of tender may be read as:

. In fuge No. 15 & 16 of 25, 51.No. 7 of reclinical specification and reclinical compliance of tender may be read a	
RF generator	<ul> <li>Suitable power wattage adjustable from 1000 watt to 1500watts or better in 10 watt increment or lower in dual view with auto tuning without compromising any application desired in the tender.</li> </ul>
	• The power efficiency of RF generator should be greater than 75% with < 0.1%
	variation in output power stability.
Instead of	
RF generator	<ul> <li>Suitable power wattage adjustable from 1000 watt to 1500watts or</li> </ul>
	better in 2 watt increment in dual view with auto tuning without
	compromising any application desired in the tender.
	<ul> <li>The power efficiency of RF generator should be greater than 78% with &lt; 0.1% variation in output power stability.</li> </ul>

5. In Page No. 14 & 19 of 25, Sl.No. 10 of Technical Specification and Technical Compliance of tender may be read as:

Hydride Generator	Dedicated Hydride generator kit should be included for hydride forming elements like As, Hg, Se, Sb etc in main item. The Hydride kit should have gas liquid separator to remove liquid waste and only hydride gas should enter to plasma. Basic 'T' type hydride kit will not be accepted.
Hydride Generator	Instead of Dedicated Hydride generator kit should be included for hydride forming elements like As, Hg, Se, Sb etc in main item. The Hydride kit should have gas liquid separator to remove liquid waste and only hydride gas should enter to plasma. Basic 'T' type hydride kit or cyclonic spray chamber type will not be accepted.

6. In Page No. 14 & 19 of 25, Sl.No. 11 of Technical Specification and Technical Compliance of tender may be read as:

Software	<ul> <li>Software should enable for quantitative analysis, method of standard addition etc.</li> <li>There should be flexibility to export data to excel file from instrument software.</li> <li>Software should enable user for Linear through zero, Linear Intercept, Weighted linear, Standard additions methods, addition calibration methods in software.</li> <li>The software should enable the user to use interference correction techniques like Element Corrections (IEC), Multi-spectral fitting (MSF) or equivalent etc.</li> <li>There should be live color camera in software or suitable mechanism to view plasma for method development and remote diagnostics.</li> </ul>
	Instead of
Software	<ul> <li>Software should enable for quantitative analysis, method of standard addition etc.</li> <li>There should be flexibility to export data to excel file from instrument software.</li> <li>Software should enable user for Linear through zero, Linear Intercept, Weighted linear, Standard additions methods, addition calibration methods in software.</li> <li>The software should enable the user to use interference correction techniques like Element Corrections (IEC), Multi-spectral fitting (MSF) or equivalent etc.</li> <li>There should be live color camera in software to view plasma for method development and remote diagnostics.</li> </ul>

#### FORMAT FOR AFFIDAVIT OF SELF-CERTIFICATION UNDER PUBLIC PROCUREMENT POLICY (PREFERENCE TO MAKE IN INDIA) 2017

## Tender Reference Number: Tender No. IITM/SPS/ICPS/036/GTE/2023-24/SPL Name of the item / Service: SUPPLY OF INDUCTIVITY COUPLED PLASMA SPECTROSCOPY – 1 No.

Date:	
I/We	_S/o, D/o, W/o,
Resident of	

Hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide Gol Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019and 04.06.2020)MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P- 45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.

Tick ( 🗸	Tick ( ✓) and Fill the Appropriate Category	
	I/We[name of the supplier] hereby confirm in respect of quoted items	
	thatLocal Content is equal to or more than 50% and come under "Class-I Local Supplier"	
	category.	
	I/We[name of the supplier] hereby confirm in respect of quoted items	
	that Local Content is equal to 20% but less than 50% and come under "Class-II Local Supplier"	
	category.	
	I/We [name of the manufacturer] hereby confirm in respect of quoted items that	
	Local Content is less than 20% come under 'Non – Local Supplier' category	

• The details of the location (s) at which the local value addition is made and the proportionate value of local content in percentage

Address \_\_\_\_\_\_

Percentage of Local content: \_\_\_\_\_%

For and on behalf of ......(Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate fromstatutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

\*\* Services such as transportation, insurance, installation, commissioning, and training and after sales service support like AMC/CMC cannot be claimed as local value addition

#### FORMAT FOR AFFIDAVIT OF SELF-CERTIFICATION UNDER PUBLIC PROCUREMENT POLICY (PREFERENCE TO MAKE IN INDIA) 2017

Tender Reference Number: Tender No. IITM/SPS/ICPS/036/GTE/2023-24/SPL Name of the item / Service: SUPPLY OF INDUCTIVITY COUPLED PLASMA SPECTROSCOPY – 1 No.

Date: \_\_\_\_\_

I/We \_\_\_\_\_\_S/o, D/o, W/o,

Resident of

hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide Gol Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019and 04.06.2020)MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P-45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.

Tick (🗸 ) and Fill the Appropriate Category	
	I/We[name of the supplier] hereby confirm in respect of quoted items thatLocal Content is equal to or more than 50% and come under <b>"Class-I Local Supplier"</b> category.
	I/We[name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 20% but less than 50% and come under <b>"Class-II Local Supplier"</b> category.

The details of the location (s) at which the local value addition is made and the proportionate value of local content in percentage

Percentage of Local content : \_\_\_\_\_ %\*\*

Location at which value addition done : \_\_\_\_\_

For and on behalf of ...... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

This letter should be on the letterhead of the quoting firm and should be signed by a competent authority.

\*\* Services such as transportation, insurance, installation, commissioning, and training and after sales service support like AMC/CMC cannot be claimed as local value addition

All other conditions remain unchanged.

Note: Bidder should submit the BoQ based on the tender document and corrigendum issued by IITM.