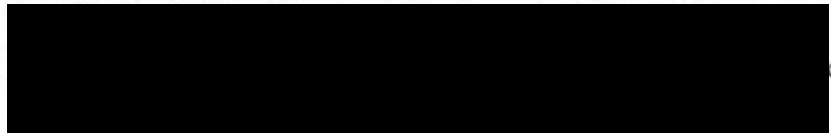


MEETING MINUTES FOR TENDER NO: GEM/2024/B/5508222

For Item Category: Gas Chromatography Mass Spectrometry (GC - MS) (Q3)

1. Date: 23/10/2024 (Prebid Meeting)
2. Time: 10:30 am
3. Venue: National Forensic Sciences University, Dharwad Campus, Karnataka

Technical Evaluation committee members



Special Invitee:

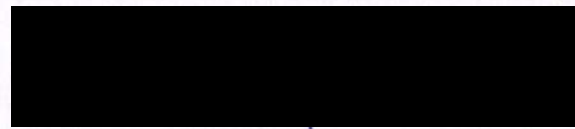


The following Bidders' Representatives attended the pre-bid meeting:

Sr. No.	Name of prospective bidders/Firm
1.	M/s Toshvin Analytical Pvt. Ltd.

The following queries were discussed and clarified. The clarifications arrived thereof are indicated as under:

Sr. No.	Technical Specifications	Query/Clarification/Suggestion	Response
3.	PTV Injector <ul style="list-style-type: none"> • PTV injector Should be offered. 	PTV Injector has to be deleted PTV Injector to be used for thermally labile compounds only. This need to be added unless this type of sample to be analyzed else Split/Splitless injector meets all GC applications. Request for deletion being it will add up the substantial cost on the total cost on instrument however this can be upgradable in the future quirement at site	The committee recommended no change in the specification.



MEETING MINUTES FOR TENDER NO: GEM/2024/B/5508222

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<p>8.</p>	<p>Consumable</p> <ul style="list-style-type: none"> Septum for injector (50 pcs) – 100 No. Oil mist trap - 5 No. Filament - 10 No. Autosampler Syringe: 20 No. <p>Columns:</p> <ul style="list-style-type: none"> Rxi-5Sil MS or equivalent, 0.25mm, 0.25µm, 30m - General applications, Pesticides, drugs of abuse, PAH etc.- 2 No. WAXMS a – 30mm x 0.25 mm id x 0.25µm - Organic Acids, Free fatty Acids, alcohols - 2 No. 624-30m x 0.32mm id x 1.8 µm – Blood Alcohol - 2 No. WAX MS – 30 m x 0.245mm id x 0.25 µm – Flavour and essential oils, FAMES, Solvent etc. - 2 No. 	<ul style="list-style-type: none"> Septum for injector (50 pcs) – 2 Pkt To avoid large amount of septa, also each septa can be used for upto 200 to 300 injections. Oil mist trap – 2 No. Since oil mist not stored properly may go bad due to exposure atmospheric environment. Also each trap can lasts for nearly 1 year, so request for reducing the number. Filament - 4 No. Reducing the number for storing purpose Autosampler Syringe: 5 No. As syringe may last long if taken proper maintenance, hence request for lower quantity <p>Columns:</p> <ul style="list-style-type: none"> Rxi-5Sil MS or equivalent, 0.25mm, 0.25µm, 30m - General applications, Pesticides, drugs of abuse, PAH etc.- 2 No. WAXMS a – 30mm x 0.25 mm id x 0.25µm Organic Acids, Free fatty Acids, alcohols - 2 No. 624-30m x 0.32mm id x 1.8 µm – Blood Alcohol - 2 No. WAX MS – 30 m x 0.245mm id x 0.25 µm – Flavour and essential oils, FAMES, Solvent etc. - 2 No. (repeated column hence it can be removed) 	<p>The committee has recommended the following consumables.</p> <ul style="list-style-type: none"> Septum for injector (100 No.) – 2 Pkt Oil mist trap – 3 No. Filament- 5 No. Autosampler Syringe: 10 No. <p>Columns:</p> <ul style="list-style-type: none"> Rxi-5Sil MS or equivalent, 0.25mm, 0.25µm, 30m - General applications, Pesticides, drugs of abuse, PAH etc.- 2 No. WAXMS a – 30mm x 0.25 mm id x 0.25µm - Organic Acids, Free fatty Acids, alcohols - 2 No. 624-30m x 0.25mm id x 1.4 µm – Solvent or residual solvent analysis - 2 No. Blood Alcohol Columns - 2 No. <ol style="list-style-type: none"> BAC Plus 1 - 30mm x 0.32 mm id x 1.80 µm –1 No. BAC Plus 2 - 30mm x 0.32 mm id x 0.60 µm – Blood Alcohol Column - 1 No.
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MEETING MINUTES FOR TENDER NO: GEM/2024/B/5508222

For Item Category: Gas Chromatography Mass Spectrometry (GC - MS) (Q3)

10.	<p>Computer & Printer</p> <ul style="list-style-type: none"> • Branded compatible PC with i7 processor or above with 1 TB hard disk, 500 GB SSD and 16 GB RAM or higher and 24" TFT monitor, Windows 11 Professional to host the software for analysis. Microsoft MS Office 2021 Professional Academic Version Perpetual License. • Wifi, Bluetooth, Ethernet, inbuilt graphics card, It should have USB and DVD driver for data transfer. <p>Laser jet duplex Color Printer</p>	<p>8 GB RAM Amendment required</p>	<p>The committee recommended no change in the specification.</p>
12.	<p>Gas Cylinders</p> <ul style="list-style-type: none"> • Filled gas, respective regulators, gas purification panel, tubings for Helium, Nitrogen, Hydrogen & Zero grade Air gas. • After the gases are exhausted, the connection should be provided to the gas generator tower, which is available in the university, free of cost. 	<p>Detector used 1/8" connector for gas connection, Gas generator supplier should provide the 1/8" ss tubing's with suitable connector to the GC-MS Instrument</p>	<p>The committee recommended the suggestion.</p>

