



JAMMU AND KASHMIR MEDICAL SUPPLIES CORPORATION LTD.

(Public Sector Undertaking of the Government of Jammu and Kashmir)
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CORRIGENDUM

In light of the decisions taken during the pre-bid meeting held on 10.09.2016 at Corporate Head Office, Jammu and Corporate Head Office, Jammu in reference to the tender for the procurement of "Laboratory Equipments, Instruments & Mobile Food Testing Van for Food Testing Laboratory for Jammu/Kashmir uploaded vide no. NIT/JKMSCL/2016/31 Dated 03.09.2016 and subsequently clarifications sought by the tenderer, the amendments have been made & shall be read as under:

S. No.	Tender Specifications	Please Read as
1.	Page No. 35 Col. 2.7.1 & Page 47 Col (ii) Terms for Payment	
	90% payment shall be made within 30 days of supply or installation & commissioning to the satisfaction of the committee of JKMSCL. 10% against bank guarantee, if installation not possible in three months due to non preparation of the site for installation.	90% payment shall be made within 30 days of supply, installation & successful commissioning to the satisfaction of the committee of JKMSCL. 10% after the completion of six months training of the staff onsite/at company's location. If installation is not possible in three months due to non preparation of the site for installation, the end user shall give certificate in this regard and 90% of the payment shall be released after submission of Bank Guarantee valid upto installation and commissioning of equipment. The qualified bidders shall visit the office of the end user to ensure the preparation of site immediately after issuance of LOI.
2.	Guarantee Clause	The term " Gaurantee " be read as " Warranty " wherever mentioned in the NIT.
3.	Page 43, Para (iii) Guarantee Clause	
	In case of the machinery or equipment, the successful bidder shall be responsible for carrying out annual maintenance and repairs on the terms & conditions, as agreed. The bidder shall have to ensure that consumables required for the maintenance of machine/equipment are being supplied free of cost for a period of not less than	In case of the machinery or equipment, the successful bidder shall be responsible for carrying out annual maintenance and repairs on the terms & conditions, as agreed. The bidder shall have to ensure that consumables required for the maintenance of machine/equipment are being supplied free of cost during warranty period. The

	06 months. The adequate regular supply of spare parts and consumables for the machinery or equipment, whether under their annual maintenance and repairs contract or otherwise shall be ensured. In case of change of model the bidder shall notify the procuring entity sufficiently in advance, to facilitate procurement of sufficient quantity of consumables/ spare parts from the bidder to maintain the machinery or equipment.	adequate regular supply of spare parts and consumables per incident for the machinery or equipment, whether under their annual maintenance and repairs contract or otherwise shall be ensured. In case of change of model the bidder shall notify the procuring entity sufficiently in advance, to facilitate procurement of sufficient quantity of consumables/ spare parts from the bidder to maintain the machinery or equipment.
4	Page No. 57 Section VI B (Sr. No. 10)	
	In case of imported item, the bidder will have to produce third party inspection report from NABL approved/accredited laboratory or DGS&D or Central/State Govt. laboratory or Central/State Govt. approved laboratory pertaining to specification and performance of each supplied machine/equipment with the consignment. All expenses regarding third party inspection will be borne by the bidder.	To be read as "Deleted"
5	Page No. 58, Sr. No. 14	
	The preventative maintenance visits minimum four in a year or any number of breakdown emergency calls will be provided by the firm during guarantee and CMC period.	The preventative maintenance visits shall be once in a year or any number of breakdown emergency calls will be provided by the firm during warranty and CMC period.
6	Page 90 Important Note	
	It is mandatory for the bidders to provide Technical Manpower for a period of Six months along with sophisticated instruments such as ICPMS, LCMSMS, GCMSMS & MCMS for better and efficient utilization of the said instruments. The prices quoted by the bidder shall include the cost incurred to provide the technical manpower	It is mandatory for the bidders to provide Technical Manpower for a period of Six months along with sophisticated instruments such as ICPMS, LCMSMS, GCMSMS & LCMS for better and efficient utilization of the said instruments. The prices quoted by the bidder shall include the cost incurred to provide the technical manpower. Moreover, the successful company w.r.t above said instruments shall provide technical manpower for a period of 06 months alongwith all consumables viz glassware, chemicals, certified standard, column etc. to carry out testing of 100 samples of different category of food article per month to check the accuracy & efficiency of the machine. The successful tenderer of all instruments other than the above shall provide training to persons (02 from each division) for a period of one week at their training institute subject to T.A/D.A on such account shall be paid to the employee by end user department.

	<p>Page 78 ICP-MS SPECIFICATIONS</p>	
22	<p>Interference Removal : System equipped with best in line technology, capable of operating in standard, collision/reaction (KED modes).</p>	<p>Interference Removal : System equipped with best in line technology, capable of operating in standard, collision (KED modes) and reaction.</p>
	<p>Mass Analyzer : True hyperbolic quad rods</p>	<p>Mass Analyzer : Three quadruple system with bend pans.</p>
	<p>Range : 5 – 260 amu or better</p>	<p>Range : 2 – 285 amu or better</p>
	<p>Dynamic Range : Minimum 09 orders or more instead of existing</p>	<p>Dynamic Range : Minimum 10 orders or more instead of existing.</p>
	<p>Typical Performance Detection Limit ng/L (ppt) Be⁹ Or Co⁵⁹ < 1; U²³⁸ Or In¹¹⁵ < 0.5 Sensitivity (M cps/mg/L) Be⁹ Or Li > 3; Mg²⁴ Or Y > 4; In¹¹⁵ > 50; U²³⁸ Or Ti > 40, Oxide ratio. CeO+/Ce+ < 1.8 % Doubly charge ratio : Ce++/Ce+ < 3%, Isotope-ratio Precision : 0.1%RSD</p>	<p>Typical Performance Detection Limit ng/L (ppt) Be⁹ Or Co⁵⁹ < 1; U²³⁸ Or In¹¹⁵ < 0.5 Sensitivity (M cps/mg/L) Be⁹ Or Li > 3; Mg²⁴ Or Y > 4; In¹¹⁵ > 50; U²³⁸ Or Ti > 40, Oxide ratio. CeO+/Ce+ < 2.5 % Doubly charge ratio : Ce++/Ce+ < 3%, Isotope-ratio Precision : 0.1%RSD</p>
	<p>Local items : Gas cylinders for ICPMS- Argon (04 No.), He gases cylinder (01 Nos.), Suitable online UPS with 1 Hr Backup ,Gas purification panels with fittings ,02 stage manifold, Fume hood/Exhaust ,tuning solution</p>	<p>Local items : Gas cylinders for ICPMS- Argon (04 No.), He gases cylinder (01 Nos.), Suitable online UPS with 1 Hr Backup ,Gas purification panels with fittings ,02 stage manifold, Fume hood/Exhaust ,tuning solution or reaction gases as per system requirements.</p>
	<p>Page 80 Specifications for Microwave Assisted Sample Preparation System</p>	
	<ul style="list-style-type: none"> The system should have a Microwave Power of 850W of un pulsed delivered power over the entire power range 	<ul style="list-style-type: none"> The system should have a Microwave Power of minimum 850W of un pulsed delivered power over the entire power range & should be able to digest all the food items.
	<p>Rotors</p> <ul style="list-style-type: none"> Rotor should be very light weight (Maximum 5 kg with 12 vessels) 	<p>Rotors</p> <ul style="list-style-type: none"> Rotor should be very light weight (Maximum 5 kg with 12 vessels) or equivalent technology
	<p>Vessel Specifications</p> <ul style="list-style-type: none"> Must have SMART VENT vessels with metal springs 	<p>Vessel Specifications</p> <ul style="list-style-type: none"> Must have SMART VENT vessels with metal springs or equivalent technology to release pressure.

	<p>Page 82 Specification for UV-Vis Spectrometer</p>
<p>Detector : PMT detector</p>	<p>Detector : PMT detector/detector to cover all the wave length</p>
<p>Spectral Bandwidth : 0.30–4.00 nm with 0.1/0.01 nm steps, motor-driven</p>	<p>Spectral Bandwidth : 0.30–4.00 nm or better with 0.1/0.01 nm steps , motor-driven.</p>
<p>Page 83 UPGRADATION OF AGILENT HPLC TO LC-MS</p>	
<p>Single point of control Single-point data system method capability with full control of Agilent 1200 Series</p>	<p>Single point of control/Multiple data system method capability with full control of Agilent 1200 Series</p>
<p>Calibration = Should have auto tuning and automatic calibration of system.; Mass Range = 2 to 3000 m/z</p>	<p>Calibration = Should have auto tuning and automatic calibration of system.; Mass Range = 10 to 3000 m/z</p>
<p>Mass Stability = 0.1 amu across 12 hours or better, Scan Speed upto 15,000 amu/sec or better. Resolution = Unit Resolution</p>	<p>Mass Stability = 0.1 amu across 12 hours or better, Scan Speed upto 10,000 amu/sec or better. Resolution = Unit Resolution</p>
<p>ESI sensitivity in SIM mode: ESI positive sensitivity in SIM mode = A 1 pg of on column injection of reserpine should give signal to noise ratio for m/z 609 greater than 150:1 in positive mode.</p>	<p>ESI sensitivity in SIM mode: ESI positive sensitivity in SIM mode = A 1 pg of on column injection of reserpine should give signal to noise ratio for m/z 609 greater than 50:1 or better in positive mode.</p>
<p>Page 88 UHPLC System with Triple Quadrupole (LC-MS/MS)</p>	
<p>Sr. No. 1 Solvent Delivery system:</p> <ul style="list-style-type: none"> ❖ UHPLC system should have high performance binary/ quaternary pump with on-line vacuum degasser ❖ Flow Range: 0.001 to 2.0 mL/min with 0.001 mL/min increment. ❖ Operating Pressure: Pump should be able to handling the pressure of 15000 psi or better at 0 - 2 mL/min. ❖ Flow Rate precision: 0.075% psi ❖ Composition precision: <0.2% RSD or 0.02 min SD, whatever is greater. <p>Composition accuracy: ±0.5 % absolute.</p>	<p>Sr. No. 1 Solvent Delivery system:</p> <ul style="list-style-type: none"> ❖ UHPLC system should have high performance binary pump with on-line vacuum degasser ❖ Flow Range: 0.001 to 2.0 mL/min with 0.001 mL/min increment. ❖ Operating Pressure: Pump should be able to handling the pressure of 18000 psi or better at 0 - 2 mL/min. ❖ Flow Rate precision: 0.075% psi ❖ Composition precision: <0.2% RSD or 0.02 min SD, whatever is greater. <p>Composition accuracy: ±0.5 % absolute.</p>

<p>Sr. No. 3 Column Heater :</p> <ul style="list-style-type: none"> - Column temperature range should be 10 °C below room temperature / ambient 65 -80 C. - Column capacity: Should also able to accommodate columns of 25 cm length. 	<p>Sr. No. 3 Column Heater :</p> <ul style="list-style-type: none"> - Column temperature range should be 10 °C below room temperature / ambient 65 -80 C. - Column capacity: Should also able to accommodate minimum no. Of 02 columns of 25 cm length. - Column compartment should be provided with column switching valve capacity. - Column tracking device.
<p>Page No. 88 Sr. No. 4 Wavelength Range: 190 – 700 nm</p>	<p>Page No. 88 Sr. No. 4 Wavelength Range: 190 – 600 nm or better.</p>
<p>Page No. 89 Sr. No. 5 ❖ Should have separate dedicates ESI & APCI/APPI as a standard source of ionization</p>	<p>Page No. 89 Sr. No. 5 ❖ Should have separate dedicates ESI, APCI and APPI as a standard source of ionization</p>
<p>Page No. 89 Sr. No. 13 Scan functions System must acquire and display full scan mass spectra from Q1 and Q3, selected ion monitoring (SIM) scan data, full scan product ion and precursor ion spectra, full scan neutral loss ion spectra, selected reaction monitoring (SRM/MRM) and acquire other advanced scan modes i.e. simultaneous full MS & MRM scan and available along with the system.</p>	<p>Page No. 89 Sr. No. 13 Scan functions System must acquire and display full scan mass spectra from Q1 and Q3, selected ion monitoring (SIM) scan data, full scan product ion and precursor ion spectra, full scan neutral loss ion spectra, selected reaction monitoring (SRM/MRM) and acquire other advanced scan modes.</p>
<p>Page no. 91 Specification of Mobile Food Testing VAN</p>	<p>Sr. No. 1 to be read as deleted.</p>
<p>Please Read : The vehicles/Ambulance of Force Motors shall be procured by Health & Medical Education Department and provided for fabrication to the successful bidder. The fabrication of the vehicle shall be carried as per standards to accommodate the following equipments/items :</p> <ol style="list-style-type: none"> 1. Water storage tank of capacity 200 ltrs with Washbasin made up of stainless steel. 2. Working table made up of stainless steel with drawer and cabinet to hold equipments. 3. Stainless steel couch with cushions for sitting atleast 03 employees. 4. One almirah stainless steel to kept records. 5. Refrigerator capacity 165 ltrs. <p>Note : The salvage material shall be property of successful bidders.</p>	
<p>Page no. 92 Sr. No. 2 Advance Portable Water quality Testing Laboratory</p>	<p>To be read as Deleted</p>
<p>Page no. 93 Sr. No. 3 Sensitive pesticides detection kit</p>	<p>To be read as Deleted</p>
<p>Page 94 Sr. No. 4 Rapid Mycotoxin Reader and Test Kits</p>	<p>To be read as deleted</p>

	Sr. No. 5 Rapid pathogenic Bacteria and Bacteria Test Kits	
	Page No. 95 Sr. No. 5 Digital Butyro refractrometer : <ul style="list-style-type: none"> • Butyro 30.0 to 90.0 ✓ RI 1.3000 To 1.7000 Converted at 40°C 	Page No. 95 Sr. No. 5 Digital Butyro refractrometer : <ul style="list-style-type: none"> • Butyro 30.0 to 90.0 RI 1.32000 To 1.7000 Converted at 40°C
		Item to be added in Mobile Testing VAN Sr. No. 12 Digital Analytical Balance : High precision 0.0001 gm to 200 gm Pan Size 100 mm -125 mm Inbuilt calibration Response time 3-5 seconds Note : All other items from Sr. No. 1 to 11 at Page No. 95 & 96, alongwith item mentioned above shall be part of the Instruments to be provided/fitted in Food Testing VAN.

— Sd —

Dr. Rajinder Kr. Khajuria, KAS
 General Manager – J(Adm)

No.: JKMSCL/Corg/2016/4250-52

Dated: 17.09.2016

Copy for information to the:-

- 1 Managing Director, JKMSCL, Jammu.
- 2 Controller Drugs, Food & Control Organization, J&K
- 3 Financial Advisor / Chief Accounts Officer, JKMSCL, Jammu.