

No. ADPGI/CPC/e-tender/ corr/ 2090 /2017

Date : 15.03.2017

Ref. : 1.E-tender Notice No. CPC/e-tender/2017/ 1990 Dated 06.03.2017 (Tender ID 201_PDKVA_197973_1)

CORRIGENDUM

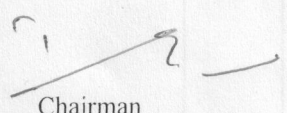
In partial modification in the specification of some equipments in e-Tender for the Supply of Lab. equipments /Instruments 2017 vide e-tender referred under reference, all the concerned bidders should read the **corrected specifications** mentioned in front of specific equipment with corresponding serial number in addition to the earlier specifications published online whereas rest of the specifications of other equipments will remain unchanged.

Sr.No.	Name of Equipment	Specification
19.	Atomic Absorption Spectrophotometer with Flame and Zeeman BG corrected Graphite Furnace	<ol style="list-style-type: none"> 1. Atomizer System <ul style="list-style-type: none"> ✓ Compact integrated dual atomizer system ✓ Inbuilt flame and furnace atomizers. ✓ Software automatic controlled change over from Flame to Furnace mode 2. Background correction and heating system <ul style="list-style-type: none"> ✓ AC Longitudinal/horizontal Zeeman Background correction for GF. ✓ Heating of Graphite Atomizer in transverse direction & uniform temperature distribution. 3. Alignment <ul style="list-style-type: none"> ✓ Graphite Furnace Atomizer permanently aligned with optimization ✓ Furnace Auto sampler integrated to main Spectrometer with 100 sample positions. ✓ Integrated graphite furnace camera for easy auto sampler tip alignment 4. GF System <ul style="list-style-type: none"> ✓ GF system with pyrolytically coated graphite tube & integrated platform ✓ Rapid furnace heating (up to 2000 °C/s), Imported air compressor and recirculating water chiller unit 5. Lamps <ul style="list-style-type: none"> ✓ Eight lamp holder with automatic lamp selection and fixed lamp positions. ✓ Built-in power supply for Coded Hollow Cathode Lamps and special lamps used for the analysis of volatile elements like As, Hg, Se, Pb etc. ✓ (Boosted HCL's, Super Lamps, Electrode Less Discharge Lamps, Latest special Lamps should be offer for specific element.) ✓ Lamps for elements namely Zn, Cu, Mn, Fe, B, Ca, Mg, Se, Cd, Cr, Ni, Pb, Hg and As. 6. Sample Introduction System <ul style="list-style-type: none"> ✓ Sensitivity nebulizer system including impact bead, ✓ Spray chamber and flow spoiler with corrosion resistant against the acids like 5% HF, HCl and HNO₃. 7. Optical System <ul style="list-style-type: none"> ✓ True double beam spectrometer system with high light throughput. ✓ Monochromatic system with a diffraction grating ruling density of at least 1800 lines/mm blazed in both UV and Visible regions. ✓ Focal length 250 mm and Reciprocal Linear Dispersion 1.6 nm/mm.Variable slit selection. 8. Hydride Generation Accessory <ul style="list-style-type: none"> ✓ AAS incorporated with Hydride Generation system for analysis As, Se, Hg, etc. 9. Detector <ul style="list-style-type: none"> ✓ Photomultiplier Tubes (PMT) or Solid State Detector, Wavelength range: 185 – 900 nm

(Continued..2)

		<p>10. Background Correction Methodology</p> <ul style="list-style-type: none"> ✓ AC Zeeman Background Correction for Graphite Furnace with the magnetic field along optical path <p>11. Gas Flows system</p> <ul style="list-style-type: none"> ✓ Software controlled flame ignition ✓ Automatic changeover of oxidant flow from acetylene to nitrous oxide or from air-acetylene to nitrous oxide with complete gas system . <p>12. Safety interlocks</p> <p>Built-in and additional feature like Burner Head Interlock, Nebulizer/End Cap Interlock, and built-in Drain Interlock</p> <p>13. Sensitivity</p> <ul style="list-style-type: none"> ✓ Greater than 0.8 absorbance with the precision of <0.5% RSD from 5 second integrations for 5 ppm Cu standard. <p>14. Software</p> <ul style="list-style-type: none"> ✓ Programmed facility with multitasking software complete control of instrument with status display and its various accessories. ✓ Accurate and reproducible time averaged, integration, non- averaged integration, multilevel calibration for handling linear absorbance, concentration or emission intensity, integration time, built in statistics, calibration equation control, slope of analytical curve using operator selective calibration standard. ✓ Built in interface for computer connection and use of optional accessories. <p>15. Gas Purifications Panel : Std. Gas Purification panel.</p> <p>16. Cylinders and burners</p> <ul style="list-style-type: none"> ✓ Separate 10 cm titanium burner head for Air – Acetylene flame and 5 cm titanium burner head for Nitrous oxide – Acetylene flame (compatible to the system) ✓ Acetylene and Nitrous oxide gas cylinder along with suitable regulator. <p>17. Warranty</p> <ul style="list-style-type: none"> ✓ Warranty will start from the date of installation. <p>18. Training</p> <ul style="list-style-type: none"> ✓ Training for complete operation of instrument during the warranty period should be offered. <p>19. Note</p> <ul style="list-style-type: none"> ✓ Accessories required for installation and successful operation of offered machine should be offered . ✓ Quoted Instrument should be latest instrument from the manufacturer. ✓ Manufacturer should be having a facility to provide after Sales and Service at least in Maharashtra.
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All the concerned should notice the changes in the revised specification mentioned above.


 Chairman
 Central Purchase Committee
 &A.D., PGI, Dr. PDKV, Akola