



All INDIA INSTITUTE OF AYURVEDA (AIIA)
(आयुष मंत्रालय, भारत सरकार के अंतर्गत स्वायत्त संस्थान)
(An Autonomous Organization under the Ministry of AYUSH, Govt. of India)

F.No. G-19004/5/1/2016-AIIA/2953

Dated 19.2.21

ADDENDUM/CORRIGENDUM

Tender Ref No. G-19004/5/1/2016-AIIA/Equipment for Molecular biology & Cell culture Laboratory

Dated: 10/02/2021

Title: Tender Documents for Supply Installation, Testing and Commissioning of Equipment for Molecular biology & Cell culture Laboratory

In Supersession of corrigendum of even number dated 18/02/2021 uploaded on CPP Portal and on website of AIIA, the revised corrigendum is as under:

| S No | Page No Clause No | Current Clause | Revised Clause |
|------|---|---|--|
| 1. | Tender Document page No 22 4. Automated Nucleic Acid Extraction System | Automated Nucleic Acid Extraction System <ul style="list-style-type: none">The processing volume should be flexible for all types of sample volumes from 30 µl-5000µl.The calibration IQ.OQ.PQ of the instrument should be performed at the time of installation and certificates should be provided.To be supplied with latest configured Branded Computer System with at least core i7 processor, 8GB Ram, 1TB HDD, DVDR/R, 21" or better LED Monitor, Genuine Windows, A4Size laser printer and appropriate Bar Code reader.Start up Kit or Consumables for at least 500 tests should be provided Free of Cost | Automated Nucleic Acid Extraction System <ul style="list-style-type: none">The processing volume should be flexible for all types of sample volumes from 30 µl (to50) -5000µlThe calibration <u>IQ.OQ</u> of the instrument should be performed at the time of installation and certificates should be providedTo be supplied <u>with integrated LCD display with the Instrument</u> or latest configured Branded Computer System with at least core i7 processor, 8GB Ram, 1TB HDD, DVDR/R, 21" or better LED Monitor, Genuine Windows, along with A4Size laser printer, UPS and appropriate Bar Code readerStart up Kit or Consumables for at least <u>1000 tests (200 DNA extraction, 400 mRNA extraction, 400 viral RNA extraction)</u> kits should be provided free of Cost. |
| | 5. Real Time PCR Page-23-24 | 5. Real Time PCR <ul style="list-style-type: none">The necessary consumables to perform real-time quantitative PCR and assays (TaqMan MGB probes), including sample preparation reagent, Real Time PCR reagents and Plastic wares should be available with same vendor. Further the supplier should also be able to design | 5. Real Time PCR <ul style="list-style-type: none">The necessary consumables to perform real-time quantitative PCR and assays (TaqMan MGB probes), including sample preparation reagent, Real Time PCR reagents <u>for 800 reactions</u> should be provided free of cost with the same vendor. Further the supplier should also be able to design and provide the TaqMan |

ओ 21/02/21



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| | | and provide the TaqMan assays for the DNA/small RNA (Custom Assays) templates of our interest. | assays for the DNA/small RNA (Custom Assays) templates of our interest. |
| | 7. PCR (End Point Gradient) Page 24 | PCR (End Point Gradient) <ul style="list-style-type: none"> No such Clause | PCR (End Point Gradient) <ul style="list-style-type: none"> The necessary consumables to perform PCR and assays including sample preparation reagent, PCR reagents for 800 reactions should be provided free of cost. |
| | 9. DNA Quantitation system/UV transilluminator Page 25 | <ul style="list-style-type: none"> Should be equipped with an 8 W-12, 302 nm UV tube filter area work Area should not be less than 350×275×120 mm Should have 'Lo', Hi and Med intensity setting for analytical documentation work. | <ul style="list-style-type: none"> Should be equipped with an 8 W-12, 302 nm UV tube/ LED Transilluminator or better. filter area work Area should not be less than 350×275×120 mm or better. Should have 'Lo', Hi and Med intensity setting for analytical documentation work or better. |
| | 12. Electrophoresis unit (vertical and horizontal) Page-26 | Electrophoresis unit (vertical and horizontal) <ul style="list-style-type: none"> Vertical Electrophoresis unit with power pack should have -Twin plate mini gel unit with tank cooling device, built in cooling coil and quick fit tubing, lid, 2 sets each of plain and notched glass plates, spacers, spacer aligners, at least 2 dummy plates and 4 combs | Electrophoresis unit (vertical and horizontal) <ul style="list-style-type: none"> Vertical Electrophoresis unit with power pack should have -Twin plate mini gel unit with/without tank cooling device, built in cooling coil and 2 sets each of glass plates, spacers, 6 combs of 10, 12, 15- well each |
| 13. | Protein transfer unit Page -26-27 | Protein transfer unit <ul style="list-style-type: none"> Each system should consist of leak proof casting stations (3 nos.), spacer plates (12 nos.) and short plates (12 nos.) for 0.75 mm and 1.0 mm gels or thicker Gel running apparatus should accommodate at least three mini gels individually or simultaneously per run Spare leads (10 nos.) and electrodes for the running apparatus (4 nos.) should be provided. | Protein transfer unit <ul style="list-style-type: none"> Each system should consist of leak proof casting stations (3 nos.), spacer plates (10 or more nos.) and 5 sets of glass plates for 0.75 mm or 1.0 mm (0.75/1.0 mm) gels or thicker Gel running apparatus should accommodate at least three / four mini gels individually or simultaneously per run Spare leads (10 nos.) and electrodes for the running apparatus (4 nos.) should be provided (optional if required). |
| 14. | Chemi doc Page-27-28 | Chemi doc <ul style="list-style-type: none"> System should have image resolution >4 mega pixels for | Chemi doc |

(Signature)



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| | <p>resolving closely spaced bands on</p> <ul style="list-style-type: none">• System should have 4.6 X 4.6 pm pixel size & >3.0 orders of linear dynamic range• System should be modular with different sample trays & flexible to image a wide variety of applications, including nucleic acid.• System should have UV, white light & optional Blue light• System should have capability for stain free gels and blots.• User licenses/free software upgrade should be included with the instrument• Latest configuration of Branded computer should be provided along with apparatus with or atleast Licensed Windows 10/latest OS, with Intel Core i7 processor, 8 GB RAM, 2TB HDD, 1GB Graphics card, DVD RW VGA, 6 USB Port, 2 PCI slots, Keyboard, Mouse, 21" inch or larger LED screen, 7KVA offline UPS with 60min Back-up facility should be provided. | <ul style="list-style-type: none">• System should have image resolution >6 or more mega pixels for resolving closely spaced bands for Nucleic acid gels, Protein gels and Chemiluminescence Blots.• System should have 4.6 X 4.6 pm pixel size or smaller/ better & >3.0 orders of linear dynamic range• System should be modular with different sample trays (if required) & flexible to image a wide variety of applications, including Nucleic acid gels, Protein gels and Chemiluminescence Blot Imaging• System should have UV/ Green LED Transilluminator, White light & optional Blue light or better• System should have capability for stain free gels / No Stain gels and blots or better• Unlimited User licenses/ Free software upgrade along with Cloud connectivity should be included with the instrument• Latest configuration of Branded computer should be provided along with apparatus with or atleast Licensed Windows 10/latest OS, with Intel Core i7 processor, 8 GB RAM, 2TB HDD, 1GB Graphics card, DVD RW VGA, 6 USB Port, 2 PCI slots, Keyboard, Mouse, 21" inch or larger LED screen (optional if required), 7KVA offline UPS with 60min Back-up facility should be provided along with laser printer. |
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Therefore, all the concerned are hereby informed that tender no_G-19004/5/1/2016-AIIA/ Equipment for Molecular biology & Cell culture Laboratory having ID. **2021_AIIA_589137_1** floated on 10/02/2021 for the procurement of **Equipment for Molecular biology & Cell culture Laboratory is amended as above.**

Consequently, above mentioned corrigendum/addendums become the integral part of the tender document, rest of the constants remains same.

Accordingly, the earlier corrigendum dated 18/02/2021 may be treated as withdrawn.

(Joint Director)