

LABORATORY INSTRUMENT SERVICE APPLICATION FORM / A01

REF NO. : UniMAP/INSAT/LAB/A01/

| A. APPLICANT DETAILS | | | | | |
|--------------------------------|--|----------------------|----------------------------|--|------------------------------|
| NAME | | | | | |
| HP NO. | | | EMAIL | | |
| IDENTIFICATION CARD NO. | | | STAFF / MATRIC NO. | | |
| DESIGNATION | | Undergraduate UniMAP | Postgraduate UniMAP | | Staff UniMAP |
| | | Government Sector | Private Sector | | |
| DEPARTMENT / SCHOOL | | | | | |
| APPLICATION DATE | | | DURATION OF PROJECT | | FROM |
| RESEARCH TITLE | | | | | |
| TYPE OF PAYMENT | | Cash | Online Transfer | | Purchase Order / Local Order |

| B. LIST OF INSTRUMENT (Please State No. Of Using The Instrument) | | | | | |
|--|--|-------------------------------------|--|-----------------------------------|--|
| Aqueous Homogenizer - Extraction | | HPLC | | Quantum Light Meter + Data Logger | |
| Auger - Soil Sampling | | Homogenizer | | Refractometer | |
| Autoclave | | Incubator | | Rotary Evaporator | |
| Blender, Heavy Duty | | Indoor Air Quality Probe | | Shaking Water Bath | |
| BOD Oxidirect Measurement System | | IR Crop Temp Meter | | Sieve Shaker | |
| Centrifuge | | Irrrometer Moisture Indicator | | Soil Moisture Gypsum Blocks | |
| Chlorine Meter | | Laboratory Mixer, Heavy Duty | | Soxhlet Extractor | |
| Chlorophyll Meter | | Laminar Flow | | SPAD Meter | |
| Colony Counter | | Leaf Area Meter | | Spectrophotometer | |
| Conductivity Meter | | Light Meter | | Spectroradiometer | |
| Disto Meter | | Microscope | | Temp/RH/CO2 Meter | |
| DO Meter | | Microwave Extraction - Solvent Free | | Temperature & Humidity Meter | |
| EC Meter | | Moisture Analyzer | | Texture Analyzer | |
| Fat Extraction System | | Moisture Meter | | Total Station | |
| Freeze Dryer | | Multiparameter Probe | | Turbidity meter | |
| Fume Hood | | Oven | | Underwater Quantum Meter | |
| Furnace | | Oxygen Analyzer | | UV-VIS Spectrophotometer | |
| Gas Detection Meter | | PDA | | Viscometer | |
| GIS Mapping GPS Receiver | | Pyranometer + Data Logger | | Water Activity Meter | |
| GPS | | Penetrometer / Fruit Hardness | | Water Bath | |
| Others | | | | | |

| C. DECLARATION BY APPLICANT | | |
|---|--|-------------------------------|
| TERMS AND CONDITIONS | SIGNATURE OF THE APPLICANT | VERIFIED BY SUPERVISOR / DEAN |
| 1. Applications form must be submitted seven (7) working days prior to the planned activities. 2. All damaged / faulty equipment will be reported to the laboratory's technician(s) at the earliest opportunity. 3. Insufficient clean up / organization may result in the loss of laboratory use privileges. 4. Anyone in violation of safety rules may be asked to leave the premises until the insufficiency or violation is corrected. 5. Applicant and supervisor / dean are fully responsible for the payment of the services rendered. | I acknowledge receive and solely responsible for the safety of instrument and have read and understand the terms and conditions. Signature | Signature & Stamp |

| D. FOR LABORATORY'S ADMINISTRATION USE ONLY | |
|--|---|
| NOTES | APPROVED BY |
| 1. Please submit this form with invoice commitment / proof of payment before proceed with services. 2. For Internal payment, please pay to : TABUNG PENJANAAN PENDAPATAN INSTITUT AGROTEKNOLOGI LESTARI. 3. For Non UniMAP user, payment made by Online or crossed cheque of "BENDAHARI UNIVERSITI MALAYSIA PERLIS", BANK MUAMALAT 0901-0001234-71-0. Please produce prove of payment upon visiting the facilities. | Date Received : _____ Signature & Stamp |

LABORATORY INSTRUMENT SERVICE CHARGES OFFERED BY INSTITUTE OF SUSTAINABLE AGROTECHNOLOGY UniMAP

| BIL. | INSTRUMENT | CHARGE PER | PRICE (RM) | | |
|------|----------------------------------|------------|------------|------------|---------|
| | | | UniMAP | GOVERNMENT | PRIVATE |
| 1. | Aqueous Homogenizer - Extraction | Day | 21.20 | 42.40 | 63.60 |
| 2. | Auger - Soil Sampling | Day | 15.90 | 26.50 | 53.00 |
| 3. | Autoclave | Run | 21.20 | 42.40 | 63.60 |
| 4. | Blender, Heavy Duty | Day | 21.20 | 42.40 | 63.60 |
| 5. | BOD Oxidirect Measurement System | Run | 21.20 | 31.80 | 53.00 |
| 6. | Centrifuge | Day | 21.20 | 42.40 | 63.60 |
| 7. | Chlorine Meter | Day | 15.90 | 26.50 | 53.00 |
| 8. | Chlorophyll Meter | Day | 15.90 | 26.50 | 53.00 |
| 9. | Colony Counter | Day | 21.20 | 31.80 | 53.00 |
| 10. | Conductivity Meter | Day | 15.90 | 26.50 | 53.00 |
| 11. | Disto Meter | Day | 15.90 | 26.50 | 53.00 |
| 12. | DO Meter | Day | 15.90 | 26.50 | 53.00 |
| 13. | EC Meter | Day | 15.90 | 26.50 | 53.00 |
| 14. | Fat Extraction System | Run | 42.40 | 53.00 | 63.60 |
| 15. | Freeze Dryer | Day | 26.50 | 42.40 | 74.20 |
| 16. | Fume Hood | Day | 21.20 | 42.40 | 63.60 |
| 17. | Furnace | Day | 31.80 | 53.00 | 74.20 |
| 18. | Gas Detection Meter | Day | 15.90 | 26.50 | 53.00 |
| 19. | GIS Mapping GPS Receiver | Day | 21.20 | 42.40 | 63.60 |
| 20. | GPS | Day | 15.90 | 26.50 | 53.00 |
| 21. | HPLC | 6 Samples | 106.00 | 159.00 | 212.00 |
| 22. | Homogenizer | Day | 21.20 | 42.40 | 63.60 |
| 23. | Incubator | Day | 21.20 | 31.80 | 53.00 |
| 24. | Indoor Air Quality Probe | Day | 15.90 | 26.50 | 53.00 |
| 25. | IR Crop Temp Meter | Day | 15.90 | 26.50 | 53.00 |
| 26. | Irrrometer Moisture Indicator | Day | 15.90 | 26.50 | 53.00 |
| 27. | Laboratory Mixer, Heavy Duty | Day | 21.20 | 42.40 | 63.60 |
| 28. | Laminar Flow | Day | 21.20 | 42.40 | 63.60 |
| 29. | Leaf Area Meter | Day | 21.20 | 42.40 | 63.60 |
| 30. | Light Meter | Day | 15.90 | 26.50 | 53.00 |

Note : All prices are inclusive of 6% GST.

| BIL. | INSTRUMENT | CHARGE PER | PRICE (RM) | | |
|------|-------------------------------------|------------|------------|------------|---------|
| | | | UniMAP | GOVERNMENT | PRIVATE |
| 31. | Microscope | Day | 21.20 | 31.80 | 53.00 |
| 32. | Microwave Extraction - Solvent Free | 3 Samples | 21.20 | 31.80 | 53.00 |
| 33. | Moisture Analyzer | Day | 21.20 | 42.40 | 63.60 |
| 34. | Moisture Meter | Day | 15.90 | 26.50 | 53.00 |
| 35. | Multiparameter Probe | Day | 31.80 | 53.00 | 84.80 |
| 36. | Oven | Day | 21.20 | 42.40 | 63.60 |
| 37. | Oxygen Analyzer | Day | 15.90 | 26.50 | 53.00 |
| 38. | PDA | Day | 15.90 | 26.50 | 53.00 |
| 39. | Pyranometer + Data Logger | Day | 15.90 | 26.50 | 53.00 |
| 40. | Penetrometer / Fruit Hardness | Day | 15.90 | 26.50 | 53.00 |
| 41. | Quantum Light Meter + Data Logger | Day | 15.90 | 26.50 | 53.00 |
| 42. | Refractometer | Day | 21.20 | 42.40 | 63.60 |
| 43. | Rotary Evaporator | 6 Samples | 31.80 | 42.40 | 53.00 |
| 44. | Shaking Water Bath | Day | 21.20 | 42.40 | 63.60 |
| 45. | Sieve Shaker | Day | 21.20 | 42.40 | 63.60 |
| 46. | Soil Moisture Gypsum Blocks | Day | 15.90 | 26.50 | 53.00 |
| 47. | Soxhlet Extractor | 6 Samples | 31.80 | 42.40 | 53.00 |
| 48. | SPAD Meter | Day | 21.20 | 31.80 | 53.00 |
| 49. | Spectrophotometer | 3 Samples | 31.80 | 42.40 | 53.00 |
| 50. | Spectroradiometer | Day | 21.20 | 42.40 | 63.60 |
| 51. | Temp/RH/CO2 Meter | Day | 15.90 | 26.50 | 53.00 |
| 52. | Temperature & Humidity Meter | Day | 15.90 | 26.50 | 53.00 |
| 53. | Texture Analyzer | 3 Samples | 21.20 | 42.40 | 63.60 |
| 54. | Total Station | Day | 31.80 | 42.40 | 53.00 |
| 55. | Turbidity meter | Day | 15.90 | 26.50 | 53.00 |
| 56. | Underwater Quantum Meter | Day | 15.90 | 26.50 | 53.00 |
| 57. | UV-VIS Spectrophotometer | 3 Samples | 21.20 | 53.00 | 84.80 |
| 58. | Viscometer | Day | 21.20 | 42.40 | 63.60 |
| 59. | Water Activity Meter | Day | 21.20 | 42.40 | 63.60 |
| 60. | Water Bath | Day | 21.20 | 31.80 | 53.00 |

INSTITUTE OF SUSTAINABLE AGROTECHNOLOGY

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