national centre for biological sciences
tata institute of fundamental research

Ref: NCB/F-181387/2018-2019 (N) December 13, 2018

Addendum No:1

Ref. 1) : Tender Notice No: 008/2018-2019, 2) : NCB/F-181387/2018-2019 (N)

The following Addendum is issued to our Tender, under Reference No: **NCB/F-181387/2018-2019 (N) to amend the specification, Earnest Money Deposit (EMD) and the Last date for Sale of Documents, Submission of Tender and Date of Opening Tender.**

FOR:

Sl. No.	Description
1	**Specification:** 1. The system High quality Steady State Fluorescence Spectrophotometer with Ozone Free Xenon Arc Lamp Source of 150W. 2. The system should have capability to switch between steady state and lifetime measurements (at least accessories for lifetime should be provided). 3. The system should have polarizers to perform anisotropy measurements (T-type) setting. 4. The system should have single grating excitation and emission monochromators. 5. The system should have Czerny-Turner type excitation and emission monochromators, with 1200 groove/mm plane gratings blazed at 330 nm (200-700 nm range) for excitation and 500 nm (300-1000 nm) for emission. 6. The system should have excitation wavelength range from 200-1000nm and emission wave length range from 200-1000nm. 7. The system should have wavelength accuracy of better than ±0.5nm 8. The system should have continuously adjustable, motorized, computer controlled slits with band-pass ranges 0-30nm for both excitation and emission side 9. The system should have scan speed of ≥10-100nm/sec. 10. The system should have computer controlled excitation shutter. 11. The system should have signal to noise ratio of ≥5000:1. 12. The system should have photodiode detector for excitation reference correction for 200-1000nm. 13. The emission detector should be high sensitive photon multiplier detector with working range of 200-900nm. 14. The system should be quoted with accessory for Solid sample holder for thin films, powder, pellets, paper, fibres, or microscopic slides. 15. The system should have option to connect water circulator of temperature range 0-60°C for kinetic analysis. 16. The system should have display for lamp hours. 17. The system should have option for auto-subtraction, calibration curves and kinetic analysis. 18. The system should be quoted with plate reader (96 well) as an optional item. 19. The system should be supplied with life time licensed control and analysis software. 20. The system should be quoted with spare lamps and other accessories as optional items. 21. The system should be supplied with latest configuration of desktop system. 22. The system should be CE/ISO certified. 23. The system should be supplied with all the accessories required to function. 24. The system should work on 230V, 50Hz. 25. The system should have holders for filters on both sides of the sample. 26. The system should be capable of stirring sample with speed adjustment 27. The system should have fastest response time to software instructions.
2	**EMD: Rs.54,000/-**
3	**Cost of Tender: Rs.27Lakhs**
4	**Last Date for Sale of Documents: 20/12/2018 till 16.00hrs**
5	**Last date for submission: 21/12/2018 till 14.00hrs**
6	**Due date for opening bids: 21/12/2018 till 14.30hrs**

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Ref: NCB/F-181387/2018-2019 (N) December 13, 2018

READ:

Sl. No.	Description
1	**Specification:** 1. The system should have High quality Steady State Fluorescence Spectrophotometer with Ozone Free Xenon Arc Lamp Source of 450W. 2. The system should have capability to switch between steady state and lifetime measurements. System should be supplied with lifetime measurement capability and required accessories. 3. The system should have polarizers to perform anisotropy measurements (T-type) setting. 4. The system should have single grating excitation and emission monochromators. 5. The system should have Czerny-Turner type excitation and emission monochromators, with 1200 groove/mm plane gratings blazed at 330 nm (200-700 nm range) for excitation and 500 nm (300-1000 nm) for emission. 6. The system should have excitation wavelength range from 200-1000nm and emission wave length range from 200-1000nm with wavelength accuracy of better than ±0.5nm. 7. The system should have continuously adjustable, motorized, computer controlled slits with band-pass ranges 0-30nm for both excitation and emission side. 8. System should have rapid peltier temperature range controlled sample holder with temperature range from -10^0 C to 100^{0}C for Kinetic analysis. 9. System should be suitable for TCSPC Fluorescence. 10. System shall be supplied with pulsed LED with peak WL 488nm and pulsed LED with 570nm & 605nm. 11. The system should be supplied with 4ml Quartz Cuvette. 12. The system should have scan speed 10-100nm/sec. 13. The system should have computer controlled excitation shutter. 14. The system should have signal to noise ratio of ≥5000:1. 15. The system should have photodiode detector for excitation reference correction for 200-1000nm. 16. The emission detector should be high sensitive photon multiplier detector with working range of 200-900nm. 17. The system should have display for lamp hours. 18. The system should have option for auto-subtraction, calibration curves and kinetic analysis. 19. The system should be supplied with life time licensed control and analysis software. 20. The system should be quoted with spare lamps and other accessories as optional items. 21. The system should be supplied with latest configuration of desktop system required to operate the instruments. 22. The system should be CE/ISO certified. 23. The system should be supplied with all the accessories required to function. 24. The system should work on 230V, 50Hz. 25. The system should have holders for filters on both sides of the sample. 26. The system should be capable of stirring sample with speed adjustment 27. System Must be offered with Minimum 3 year warranty.
2	**EMD: Rs.54,000/-**
3	**Cost of Tender: Rs.45Lakhs**
4	**Last Date for Sale of Documents: 27/12/2018 till 16.00hrs**
5	**Last date for submission: 28/12/2018 till 14.00hrs**
6	**Due date for opening bids: 28/12/2018 till 14.30hrs**

All other terms and conditions of the Tender Documents remain unaltered. Please return the **Addendum No:1 dt.13/12/2018** with your signature, date & stamp and should be enclosed in the **sealed cover.**

The Addendum-1 is available in our Web site - http://www.ncbs.res.in/information/tenders.html and also available in Central Public Procurement Portal, http://eprocure.gov.in/cppp.

Thanking you,

Yours faithfully,
For and on behalf of
National Centre for Biological Sciences,

Head-Purchase 20/12/2018

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