



**Expression of interest for modernisation of the
AC plants at IBL and Library, Chilled water plant at IBL**

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| Description | Renovation of old AC and Chilled water plant with Economical systems |
| Date of issue of documents | 01.05.2018 |
| Last date of submission | 21.06.2018, 3PM |

Expression of Interest

Director Institute of Physics, Bhubaneswar intend to engage a reputed manufacturer OEM for designing and planning to renovate the AC plant at Library, IBL and also the Chilled water plant at IBL. One of the basic objectives behind renovation of these plants is to achieve an economical gain using the advanced technology.

1. Scope of work:-

- (A) Complete Planning and preparation of conceptual design and drawings by considering the space for existing AC Plants.
- (B) A complete design solution for HVAC systems, AHU, electrical Panels and its supporting systems.
- (C) The proposal must clearly indicate the use/ modification of existing system and replacement of existing system.
- (D) The techno-commercial statement along with justification for replacement or renovation of each subunit of the AC plants and chilled water plants.
- (E) A tentative format for submission of the Techno commercial information,

| SI No | Description of Sub Unit | Systems to be used as its or renovated | Parts to be replaced | Approx. Expenditure |
|-------|--------------------------|--|----------------------|---------------------|
| 1 | Compressor | | | |
| 2 | AHU and Ducting | | | |
| 3 | Pumps and Cooling Towers | | | |
| 4 | Electrical panels | | | |

- (F) A techno-commercial calculation sheet indicating the savings of power and recurring expenditure after the renovation.
- (G) The OEM can visit the site and contact the EIC for any clarification with prior appointment.
- (H) This is for the finalisation the specification and the tendering process may / may not start after wards.