

EXPERT'S PROFILE



Name of Grantee : ENGR. ANTONIO J. REYNO

Area of Expertise : Geotechnical energy technology,
Civil construction materials testing

Inclusive Date of Contract as BSP Awardee : Medium-Term Program
Phase I : 15 March – 22 May 2019 (69 days)
Phase II : 15 July – 25 November 2019 (134 days)
Phase III: 15 February – 15 May 2020 (91 days)
Phase IV: 15 August – 24 October 2020 (71 days)

Host Institution : Institute of Civil Engineering, UP Diliman

EDUCATIONAL BACKGROUND

- **Master of Engineering Studies, Civil Engineering**, 1996, University of Sydney, Australia
- **Diploma in Geothermal Energy Technology**, 1986, University of Auckland, New Zealand
- **Diploma in Water Resources**, 1981, University of the Philippines, Philippines
- **BS Civil Engineering**, 1976, University of the Philippines, Philippines

WORK EXPERIENCE

- 2010 – Present **University of Technology Sydney**
Senior Technical Officer
- 2012 - 2013 **University of Sydney**
Professional Officer
- 2011 - 2012 **Lockheed Martin Space and Aerospace Corporation**
Contract Engineer
- 2008-2010 **Northrop Grunman Corporation**
Contract Engineer
- 2007-2008 **Gulfstream Corporation**
Contract Engineer
- 2007 **Material Science Corporation**
Contract Engineer
- 1999- 2007 **Northrop Grunman Corporation**
Principal Engineer
- 1989- 1999 **Northrop Grunman Corporation**
Senior Technical Engineer Specialist
- 1983 – 1989 **Northrop Grunman Corporation**
Engineering Specialist

- 1974-1983 **Northrop Grunman Corporation**
Senior Engineer

- 1968 – 1974 **New Jersey Institute of Technology**
Instructor

TO BE ACCOMPLISHED AS BSP AWARDEE

1. Conducts lectures/seminars/workshops on:
 - a. Non-aerospace
 - b. Aerospace applications
 - c. Advance Finite Element Course
 - d. MSC Language/Patran Command
 - e. Language
2. Provide consultancy on the PCIEERD-GIA funded project titled, “Design and Fabrication of an Airframe for a Medium-range, Short Take-off and Landing UAV”
3. Mentor students on parametric modeling
4. Assist in the development of a course on Finite Element Theory and Application
5. Draft research proposal with other institutions in connection with Finite Element Analysis
6. Develop local finite element software