

STATEMENT OF WORK

Visiting Scientist Programme 2006 - Pollution Component

***** Deadline for application – 30 September 2006 *****

1. Background

After one year of implementing the UNDP/GEF Yellow Sea Project, “Reducing Environmental Stress in the Yellow Sea Large Marine Ecosystem,” the Regional Working Group–Pollution has deemed it necessary to include a “Visiting Scientist Programme” under the Component’s activities. The Programme aims to allow exchange of ideas between scientists in China and Republic of Korea, and also will contribute to capacity building, as the visiting scientist is expected to learn new and different methods for conducting pollutant analysis in the Yellow Sea. The Programme will also provide the opportunity for improved calibration and exchange and comparison of data, as any differences in sampling and analytical methods will be examined and possible standardised or comparable methods will be agreed for future usage. Ultimately, the two countries’ data of pollutants in the Yellow Sea should be easily comparable and a regional picture may be provided for a more complete picture of pollutants in the Yellow Sea.

Geographic Scope: The Yellow Sea large Marine Ecosystem is defined in the Project Document as the body of water delineated at the south, by a line connecting the north bank of the mouth of the Chang Jiang (Yangtze River) to the south side of Cheju; at the east, by a line connecting Cheju Island to Jindo Island along the coast of the Republic of Korea; and to the north, a line connecting Dalian to Penglai (on the Shandong Peninsula). This latter line separates the Bohai Sea from the Yellow Sea and as a result is not included in this study.

2. Description of Required Services

During the first year of the programme, a research scientist from **China** will be chosen as the Visiting Scientist to visit **South Sea Institute, KORDI, Goeje Island, Republic of Korea**, for two weeks. The Visiting Scientist will:

- 1) Assist the host lab with analysis of marine organic pollutants;
- 2) Acquire skills in organic pollutant analysis which can be applied to his/her current research projects;
- 3) Hold discussions with scientists and lab technicians on calibrating analytical methods, comparable data presentation formats, and comparable data exchange mechanisms;
- 4) Discuss and agree on the analytical methods to be used to analyse samples from the joint cruise; and
- 5) Prepare a written report summarising the achievements and outputs of the Programme (see Section 5 for report chapters).

Qualifications:

The Visiting Scientist should have the following qualifications:

- At least 5 years proven track record in the area of Yellow Sea coastal and marine organic pollution research.
- Strong analytical laboratory skills.
- Initiative to provide ideas and engage in analytical methods discussions.

- Good interpersonal skills and ability to work both as a team and individually in a laboratory setting.
- Proficiency in English and one of the languages of the region.

3. Deliverables and Deadlines

The Visiting Scientist Programme will take place for a two-week period, any time in November 2006, according to the schedule below, and preferably within one month after the Spring Cruise:

<u>Task</u>	<u>Deadline</u>
Provide workplan to PMO and Supervising Scientist at host lab	At least 2 weeks before arriving at host lab
Work at host lab	2 weeks
Submit final report to PMO	Within one month after departure from host lab

4. Monitoring/Progress Control

The Project Management Office (PMO) will assume overall supervision and co-ordination of this task. Programmatic guidance should be sought from the Project Manager, Mr. Yihang Jiang (yihang@yslme.org), copied to Ms. Connie Chiang (connie@yslme.org) at the Yellow Sea PMO.

The Visiting Scientist is expected to submit a workplan at the onset of the activity, and a final report after the conclusion of the activity. All deliverables should be submitted to Ms. Connie Chiang, via e-mail.

5. Expected Outputs/Results

The final product should be a report following the suggested table of contents format listed below.

- I. Background of assignment
- II. Methods used to carry out assignment
- III. Achievements
- IV. Discussions and conclusions
- V. Persons / institutions visited

BREAKDOWN OF COSTS (USD)

<u>Item</u>	<u>Unit Cost (USD)</u>	<u># of Units</u>	<u>Total Cost (USD)</u>
International Travel			
Domestic Travel, if relevant			
Accommodation			
Subsistence Allowance			
Co-financing from host institute			
TOTAL AMOUNT REQUESTED			

