



UNDP/GEF PROJECT ENTITLED “REDUCING ENVIRONMENTAL STRESS IN THE
YELLOW SEA LARGE MARINE ECOSYSTEM”

STATEMENT OF WORK

“Regional Training Workshop on Phytotoxin Analysis”

******Proposal deadline: 10th February 2007******

1. Background

The UNDP/GEF Yellow Sea Project, “Reducing Environmental Stress in the Yellow Sea Large Marine Ecosystem,” seeks to organise a **regional training workshop on phytotoxin analysis**. This is one of the agreed activities of the Pollution Component of the Project, and approved by the Project Steering Committee at its third meeting.

This “Statement of Work” describes the scope of the activity and the required services. Interested parties may submit proposals detailing how they plan to organise the workshop, according to the required services set out below.

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

A consultant/institute will be hired under a legal contract to carry out the preparation, organisation, and convening of a regional workshop on phytotoxin analysis.

The main objective of the workshop is to promote the capability in the Yellow Sea region in assessment of phytotoxins, which includes:

- Understanding the possible pathways of seafood contamination by HABs toxins
- Understanding the analytical methods of phytotoxins;
- Understanding the mechanism of phytotoxin poisoning and related policies to reduce poisoning; and
- Establishment of reference labs in the YS region.

The workshop should target scientists working in the chemical and/or assessment fields from research and/or monitoring organisations (institutes, monitoring centers and/or universities), and also target officers from the administration agencies and local governments from the Yellow Sea bordering countries.

The workshop topics should include:

(1) Analytical methods

Mouse Bioassay (MBA)

Receptor Binding Assay (RBA)

(2) Phytotoxin poisoning and related policies

Policy for reducing human health effects

Establishment of reference labs in the YS region

(3) Case studies

The case studies should be presented to the workshop, with focus on, but not limited to, the countries in the Yellow Sea region

English will be the working language of the workshop, otherwise the proponent should make arrangements for simultaneous translation into Chinese, Korean, and/or English.

Qualifications:

The consultant selected to carry out this task should have the following qualifications:

- At least 15 years proven track record in the area of coastal and marine pollution management and/or research.
- Knowledge of marine chemical analytical / assessment methods, in particular, phytotoxin analysis.
- Strong natural science background with knowledge of Yellow Sea marine environmental pollution management and policies.
- Familiarity with working in the region.
- Proficiency in English.

3. Deliverables and Deadlines

The workshop should be organized during 2007, according to the milestones listed in the table below.

<u>Action</u>	<u>Deadline</u>
Submit a progress report	At least one month before the start of the workshop
Submit a draft workshop programme	at least 2 weeks before the start of the workshop
Convening of workshop	by September 2007, although negotiable somewhat
Submit final report	within one month after the end of the workshop

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. All deliverables should be submitted to Ms. Connie Chiang.

5. Expected Outputs/Results

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

- I. Introduction describing the needs for having the workshop
- II. Proceedings of the workshop, e.g. including abstracts, presentations, discussion summaries, recommendations
- III. List of Participants

The workshop report should be prepared in English, and submitted to the Yellow Sea Project Management Office.

6. Contents of the Proposal

Interested parties should submit a detailed proposal to info@yslme.org before the deadline of 31st January 2007.

The proposal should include:

1. Background of the need for such a workshop
2. Summary of how the workshop will be organised
3. Workshop objective(s)
4. Topics
5. Draft programme
6. Target type and number of participants
7. Collaboration with other projects/programmes
8. Size, duration, approximate dates, and venue
9. A detailed budget breakdown in US Dollars, including any co-financing resources
10. Workplan
11. CV of lead proponent / contact person, and full contact details

PROPOSED BREAKDOWN OF COSTS (USD)

<u>Item</u>	<u>Unit Cost (USD)</u>	<u># of Units</u>	<u>Total Cost (USD)</u>
1....			
2....			
3....			
Etc.			
TOTAL AMOUNT REQUESTED			