



ENCON Group Inc.  
500-1400 Blair Place  
Ottawa, Ontario K1J 9B8  
Telephone 613-786-2000  
Facsimile 613-786-2001  
Toll Free 800-267-6684  
www.encon.ca

# Supplementary Questionnaire

## Construction of Harbours, Breakwaters, Quay Accommodations, Piers, Docks

1. Title of Contract: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Site:       river mouth                       coast                       river  
                  lagoon                                       bay                                       lake

3. Breakdown of values:

ITEM	VALUE (\$)
Site installations and temporary work	_____
Workshops, stores, camps, etc.	_____
Dredging	_____
Excavation	_____
Filling	_____
Breakwaters	_____
Quay Walls	_____
Piers	_____
Warehouses, silos, office buildings	_____
Road and railway facilities	_____
Supply lines (gas, water, electricity, telephone, etc.)	_____
Technical installations (cranes, elevators, etc.)	_____
Other work	_____
Total	_____

4. Type of harbour:

commercial                       military                       sports                       other

Specify: \_\_\_\_\_

5. Type of quay/pier:

- passenger traffic       bulk material       containers       other

Details: \_\_\_\_\_

6. Technical data:

- (a) Breakwaters Type:       rock fill       concrete blocks/tetrapods       caissons  
 sheet piling       other

Dimensions:      Length: \_\_\_\_\_ <sup>m</sup>/<sub>ft</sub>      Top width: \_\_\_\_\_ <sup>m</sup>/<sub>ft</sub>      Base width: \_\_\_\_\_ <sup>m</sup>/<sub>ft</sub>

Maximum depth of water: \_\_\_\_\_ <sup>m</sup>/<sub>ft</sub>

Other particulars: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(b) Piers/quays:

Number of piers/quays: \_\_\_\_\_

Top of piers above mean high-water mark: \_\_\_\_\_ <sup>m</sup>/<sub>ft</sub>

sheet-piled      Sheet pile wall backfilled with:       sand       concrete       other

caisson       round, diameter

square, length

cast in situ

cast in dock

Pulled into final position:       by barge       by winch

on piles made of:       timber       steel       concrete

Capped by:       in-situ concrete       precast beams

If other methods, specify: \_\_\_\_\_

7. Traffic links:

- rail       road       both

8. Buildings/structures:

- sheds       warehouses       terminals       club houses

- railway station       offices       tank farms       other

Details: \_\_\_\_\_

\_\_\_\_\_

9. Natural Hazards:

monsoon

tropical storms (hurricane, typhoon, cyclone)

Maximum rainfall: per month: \_\_\_\_\_ <sup>mm</sup>/<sub>in</sub> per hour: \_\_\_\_\_ <sup>mm</sup>/<sub>in</sub>

Observation period: \_\_\_\_\_ years

Maximum wind velocity: \_\_\_\_\_ <sup>km/h</sup>/<sub>mph</sub> Observation period: \_\_\_\_\_ years

Main wind direction: \_\_\_\_\_

Has the area been subject to flood or tidal waves? YES  NO

Height: \_\_\_\_\_ <sup>m</sup>/<sub>ft</sub> Observation period: \_\_\_\_\_ years

Direction: \_\_\_\_\_ Frequency: \_\_\_\_\_

Protective measures: \_\_\_\_\_  
\_\_\_\_\_

10. To what extent might the contract work be destroyed in one loss event?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

11. Construction schedule (unless separate sheet is attached):

Component	Execution dates, anticipated period of work (months)
Site installations and temporary work	_____
Dredging	_____
Excavation	_____
Filling	_____
Breakwaters	_____
Quay Walls	_____
Piers	_____
Warehouses, silos, office buildings	_____
Road and railway facilities	_____
Supply lines (gas, water, electricity, telephone, etc.)	_____
Technical installations (cranes, elevators, etc.)	_____
Other work	_____

12. What work will be done by subcontractors?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

13. (a) Which contractors will work independently of the insured at the site or in its immediate vicinity?

---

---

---

(b) What work will be done by such contractors?

---

---

---

14. (a) Where are the offices, stores, workshops, camps, etc. located? Give details or attach drawings.

---

---

---

Where are construction plant and equipment and construction materials stored? Give details or attach drawings.

---

---

---

(b) To what extent will these facilities be protected against flood? Give details.

---

---

---