

Additional information for the Procurement of Aids to Navigation for Selected Mekong River Stretches in Cambodia, the Lao PDR, Thailand, and Viet Nam (RFP 09-310)

22 January 2010

No	Questions	Answer
1	Can you provide layouts for components A, B & C ?	The information is provided in the technical description and annexes
2	What is the size (length and width) of the boats that will be moored on floating pontoons and on drive-on docking facilities ?	Length/width of boats for floating pontoons = up to 35m/5m. Docking facilities: length 8m/3m
3	What is the angle between the centerline of the boats and the floating pontoon when coming alongside ? What is the maximum speed and angle of the berth ?	Angle between centerline boat and centerline for docking max 10 degrees
4	Can you provide buoyancy per square meter ? ToRs only mentioned 150 kg of vertical load concentrated at any point.	Freeboard should be 0,60m at all time
5	ToRs, buoys have to resist to 1m waves. What about Pontoons ? Do they need to resist to 1m waves too or less ?	1m
6	Are gangways required ? If yes, can you provide technical specifications as low water level, high water level, level and type of wharf & side view. Do you need security gates on gangways	No gangways required
7	Where are located 'closed sides' on floating pontoons ? Please provide general layout	Closed sides are sides which are facing the river bank. Other sides, facing the river must remain open
8	What are the performance requirements for floating pontoon about current speed, wind speed and main direction of wind ?	Speed 8 knots, wind speed max 70km/h, variable wind directions
9	What kind of anchoring is needed for floating pontoon ? Piles ? Chains ? what is type of the bottom (sand, rock, mud ?) and slope of the bottom ? Can you provide a bathymetric layout	Connection to shore by cabling + anchors towards river. River bed is sand. Slope is different for all places and can go to 1/3
10	What is a drive-on docking facility ? What is the application/function ?	To enable speed boats to be docked (out of the water)

11	Do you need service pedestals or emergency scales ?	No need
12	<p>BUOYS Angles:</p> <p>Regards the technical specification, we have no real problems and are confident we can manufacture products that will meet the needs of the tender. However, my broad concern is how tough the technical performance criteria will be applied. For example, 3.5deg list is a very small scale and no buoy in the world can truly achieve this. Buoys are designed to swing and move with the sea and wind conditions and 3.5deg seems completely unrealistic. I know these buoys are to be deployed in a river environment but common sense would need to prevail.</p>	<p>We understand that 3,5 degrees is small. We are not concerned about the angles during dynamic movements due to waves or wind. We are most concerned that the buoy will need to remain upright even when it is pushed sideways due to strong currents. So the static position under constant currents is crucial</p>

29 January 2010

No	Questions	Answer
1	Bid submission deadline	New bid submission deadline 10 February 2010, 15:00 pm local time