

**ANNEX "C"**  
**COMPLIANCE MATRIX - MANDATORY PERFORMANCE SPECIFICATIONS**

Spec Section	Description	Status	Yes	No	Bidder Cross Reference Cross reference where this technical specification is indicated in the brochure, technical data sheet, and photographs or illustrations	What's expected in your proposal STATUS: M = Mandatory; O = Option; I = Information only; D = Desirable Bidders should submit with the bid, technical documentation such as specification sheets, technical brochures and photographs or illustrations to demonstrate compliance to each mandatory criterion listed herein
1	For the supply and delivery of two remotely operated, trawling-specific, digital video cameras, independent light sources, and all ancilliary parts and materials for Fisheries and Oceans Canada, Central and Arctic Region, Winnipeg, MB. Includes mounting brackets and hardware, remote controls, and all software/hardware (excluding computer) and manuals required to install and operate the camera and lights.					STATUS : M=Mandatory; I = Information ; D=Desirable
1	<b>Part 1: GENERAL PERFORMANCE SPECIFICATIONS</b>					
1.1	It is a mandatory requirement that bidders demonstrate a track record of success in the construction and deployment of this exact type of Camera, used during trawling, for a minimum of two (2) profiles of camera video recording at depths up to 1000m.  Specifically, manufacturers must provide evidence to the effect that reliability, endurance and technical performance in the deployment of the model herein offered; and that the cameras were manufactured on their premises.  Bidders must provide evidence to the effect that cameras manufactured on their premises successfully meet the following specifications:	M				Confirmation that the proposed product(s) meet the specification.
	<b>Minimum mandatory performance specifications for two remotely operated trawl mounted video cameras, independent light sources and all ancilliary parts and materials.</b>	I				
1.11	Trawl camera must be capable of working at depths down to 1000 m.	M				Confirmation that the proposed product(s) meet the specification.
1.12	Trawl camera must be capable of recording in dark environments (i.e., low lux).	M				Confirmation that the proposed product(s) meet the specification.
1.13	Trawl camera must be capable of remote operation (e.g., power on/off) and not require power cable and/or tether that remains connected to the vessel during deployment.	M				Confirmation that the proposed product(s) meet the specification.
1.14	Trawl camera must include rechargeable power source, and be capable of fully recharging in less than 12 hours.	M				Confirmation that the proposed product(s) meet the specification.
1.15	Trawl camera battery life must be minimum 12 hours.	M				Confirmation that the proposed product(s) meet the specification.
1.16	Trawl camera must have option for auxiliary light sources to facilitate video recording to depths 1000 m.	M				Confirmation that the proposed product(s) meet the specification.
1.17	Trawl camera, and auxilliary light sources, must mount directly to the trawl.	M				Confirmation that the proposed product(s) meet the specification.
1.18	Light sources must be adjustable for intensity (i.e., dimmable).	M				Confirmation that the proposed product(s) meet the specification.
1.19	Auxillairy light source can be operated remotely (e.g., on/off).	M				
1.2	Trawl camera, and light source, mounting system must allow for a minimum 90 degree adjustment to angle.	M				Confirmation that the proposed product(s) meet the specification.

LEGEND: M=Mandatory; I=Information; D=Desirable

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1.21	Recordings must be in digital (e.g., MP4) format and camera must facilitate export of files to PC via transfer cable.	M				Confirmation that the proposed product(s) meet the specification.
1.22	Recording must have date and running time stamp.	M				Confirmation that the proposed product(s) meet the specification.
1.23	Recordings can be offloaded from camera unit via wireless connection.	D				Confirmation that the proposed product(s) meet the specification.
1.24	Recordings can be offloaded without opening camera casing.	M				Confirmation that the proposed product(s) meet the specification.
1.25	Minimum angle-of-view of 70°.	D				Confirmation that the proposed product(s) meet the specification.
<b>2</b>	<b>Part 2: CERTIFICATIONS</b>					
2.01	Bidder must be an Authorized Distributor for the Original Equipment Manufacturer of the instrument / equipment they are offering.	M				References provided with the proposal.
<b>3</b>	<b>Part 3: TECHNICAL SUPPORT</b>					
3.01	Technical support must be available during pre-field set-up and field operations (June - September) by telephone and e-mail, maximum response time four (4) hours, during normal business hours, five (5) days a week, nine (9) hours per day, excluding holidays.	M				Identify the telephone support available.
<b>4</b>	<b>Part 4: DELIVERY, INSPECTION, PACKAGING</b>					
4.01	FOB Destination: Fisheries and Oceans Canada, 501 University Cres., Winnipeg, MB, R3T 2N6. Delivery is required on or before 30 June 2012, preference on or before June 15, 2012.	M				Confirm your commitment to these supply requirements. Supply a GANTT - Time line chart to demonstrate successful delivery.
4.02	DFO Acceptance: The instrument must be fully operational, upon delivery, as per the specifications to the satisfaction of the DFO Project Authority or Authorized Representative.	M				Confirm your commitment to these supply requirements.
<b>5</b>	<b>Part 5: DOCUMENTATION &amp; MANUALS</b>					
5.01	MAINTENANCE AND OPERATOR MANUALS: - Supply two complete Hard Copy sets and one Electronic copy via CD, DVD or memory device (memory stick) in the English Language. - If available, Bidder to supply one Hard Copy and One Electronic copy in the French Language. - All manuals and instructions to be provided with the trawl cameras upon, or prior to, delivery.	M				Confirm your commitment to these supply requirements.
<b>6</b>	<b>Part 6: QUALITY ASSURANCE</b>					
8.1	All equipment/materials shall be new, in that it shall not include refurbished equipment and in that all equipment shall be of current manufacture.	M				Confirm your commitment to these supply requirements.