

Project AWE

TA Tender Criteria

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Object Identifier	TA Tender Criteria
CRIT2	1 Technical & Programme Compliance
CRIT3	1.1 Outputs All deliverables
CRIT4	1.1.1 Materiel Production of weapons and through life support
CRIT5	1.1.1.1 Programmes Maintain all current and future programmes
CRIT6	1.1.1.1.1 Existing Programmes M1 S/M fuel, Trident, Chevaline, WE177
CRIT7	1.1.1.1.2 Future Programmes M2
CRIT8	1.1.1.1.3 Service Life Assessment M3
CRIT9	1.1.1.2 Weapon R & E M4 Maintain and develop reliability and effectiveness of UK nuclear deterrent.
CRIT10	1.1.1.3 Manufacturing Capability M5 Ability to maintain manufacturing skills.
CRIT11	1.1.1.4 Mandatory Standards M6 Conform to all relevant mandatory standards
CRIT12	1.1.2 National Capability Ability of AWE to underwrite safety and reliability of nuclear warheads without recourse to nuclear testing and to maintain minimum capability to design and produce successor to Trident if necessary
CRIT13	1.1.2.1 Outputs to MOD NC1 Maintain and demonstrate the Reliability and Capability maintenance programme to meet MOD objectives
CRIT14	1.1.2.2 Programme Planning + Direction NC2 To plan flexible programmes to develop, exercise and demonstrate AWE's capabilities to meet MOD objectives in short and long term
CRIT15	1.1.2.3 NC Capability NC3 Plans to show how the contractor will maximise the delivery of Capability within the available funding.
CRIT16	1.1.2.4 NC Risk Plan and demonstrate mechanisms to own, analyse and manage technical risks in the Reliability and Capability programme.

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CRIT17	1.1.2.5 Integration How the Reliability and Capability Maintenance Programme will be best organised and supported by integration with AWE core business, the UK science base and international collaboration.
CRIT18	1.1.2.5.1 Programme Integration (External) NC4
CRIT19	1.1.2.5.2 Programme Integration (Internal) NC5
CRIT20	1.1.2.5.3 Programme Integration (International) NC6
CRIT21	1.2 Integrated Management All management aspects necessary to provide outputs in safe and secure manner.
CRIT22	1.2.1 Safety & Security Environment, Safety and Health; Security and support to MOD's nuclear incident response capability.
CRIT23	1.2.1.1 Safety R1 The risk of harm and potential harm to people, property and environment is to be as low as reasonably practicable and tolerable if not acceptable. Assurance of this is to be provided to all appropriate persons.
CRIT24	1.2.1.2 Security R2 Protection of assets, information and people
CRIT25	1.2.1.3 Emergency Support to MOD R4 Provision of support to MOD's response to a defence nuclear accident, a nuclear terrorism incident or an off site incident involving special nuclear material.
CRIT26	1.2.2 Management
CRIT27	1.2.2.1 Personnel R6 Provision of a personnel management strategy and function to meet business needs.
CRIT28	1.2.2.2 Management - Senior Directors R7 Provision of Directors.
CRIT29	1.2.2.3 Finances - cost model R10 Provision of cost model to meet integrated business needs.
CRIT30	1.2.2.4 Public Relations R8 Provision of PR recognising political and sensitive nature of business.
CRIT31	1.2.2.5 Contractor's Management Performance R3 Definition and provision of adequate management measurement criteria.

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CRIT32	1.2.2.6 Application of Quality System R5 Application of a quality system to meet needs of a single shot device business.
CRIT33	1.2.2.7 Management and Provision of Information
CRIT34	1.2.2.8 Business philosophy Consistent, wholistic business plan including integrated programme and risk management.
CRIT35	1.2.2.9 Configuration Control M7 Provision of fully integrated configuration control system.
CRIT36	1.2.3 Infrastructure Maintain capital asset base to support outputs.
CRIT41	1.2.3.1 Integration This criterion assesses the extent to which the contractor has understood the need for an integrated programme for the infrastructure area and the quality of his proposals to implement it.
CRIT44	What evidence is there that the contractor has considered infrastructure as a whole on the basis of through life costs
CRIT45	What evidence is there that the contractor has determined the minimum range and scale of infrastructure activity to satisfy the output requirements of the MOD
CRIT46	What evidence is there that the contractor has addressed the need for innovative methods for managing and funding infrastructure support
CRIT47	What evidence is there that the contractor has given appropriate and innovative thought to:-
CRIT48	(1) the future of Blacknest
CRIT49	(2) the further rationalisation of the AWE sites post Pitt-Brooke
CRIT50	(3) Speeding up the implementation of the existing Pitt-Brooke proposals
CRIT51	(4) further developing the proposals to withdraw from Burghfield
CRIT52	(5) the rationalisation of explosive pressing and machining requirements including make/buy options and possible synergy with DERA
CRIT53	(6) limited production and R&D of ceramics and organic materials including make/buy options and possible synergy with DERA
CRIT54	(7) long-term requirements for DU and HEU
CRIT55	(8) the provision of a new hydrodynamic research facility [N.B. bidders will have scant visibility of this subject - it may not be possible to properly assess them in this area]
CRIT56	(9) the options for providing access to high energy laser facilities [N.B. bidders will have scant visibility of this subject - it may not be possible to properly assess them in this area]

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CRIT57	Has the contractor given appropriate recognition to the need to fund all DTEO support at Foulness
CRIT58	What evidence is there that the contractor has recognised the requirement to frame his strategies, programmes and plans so as to reduce infrastructure cost to the credible minimum consistent with meeting the output requirements
CRIT59	Has the contractor undertaken to provide an annual ISPP
CRIT60	To what extent does draft ISPP demonstrate for each infrastructure area:-
CRIT61	(1) a strategy covering at least the duration of the contract, demonstrating that activities are underpinned by a clear, consistent and practicable approach to meeting outputs in a safe and effective manner whilst protecting and maintaining MOD's assets
CRIT62	(2) a rolling plan, delineating intentions over the next 10 years, indicating expected expenditure levels by MOD financial year
CRIT63	(3) a rolling programme detailing the work to be carried out over the next three years
CRIT64	(4) the extent to which the contractor has clearly demonstrated the derivation of the strategy, programme and plan from the output requirements
CRIT65	To what extent does the contractor propose to make use of existing infrastructure-related documentation, computer databases and software developed under previous contracts
CRIT66	To what extent does draft ISPP take due account of regulatory due process under DOE circular 18/84
CRIT67	Does draft ISPP contain required information for each >£300K scheme
CRIT68	Does draft ISPP contain aggregated cost line for <£300K schemes
CRIT69	Extent to which the ISPP demonstrates that there is a long term asset base strategy to meet current and future output requirements
CRIT70	Does draft ISPP demonstrate a prioritised and configuration controlled plan
CRIT71	What evidence is there that the contractor has balanced his waste management plans to reflect long term aims/requirements, national policy and strategies, waste minimisation initiatives and safety
CRIT72	To what extent does the draft ISPP provide evidence that the proposed waste-related infrastructure schemes are linked to process development and waste minimisation initiatives
CRIT73	Extent to which contractor directs activities to achieve most efficient utilisation of resources
CRIT74	Has contractor's strategy taken account of the likely non-availability of a deep waste repository before 2050
CRIT75	Extent to which the contractor has recognised and looked beyond the existing decommissioning plan
CRIT76	Extent to which strategy in the ISPP:-
CRIT77	(1) delineates prioritisation rationale

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CRIT78	(2) relates building population to requirements
CRIT79	(3) identifies related office accommodation needs
CRIT80	Does the ISPP contain:-
CRIT81	(1) a chart showing commencement and expected duration of all anticipated decommissioning and demolition schemes, based on strategic considerations of meeting requirements
CRIT82	(2) a description of the R&D to support decommissioning
CRIT83	Does the programme in the ISPP contain the required data
CRIT84	Contractor's proposals for demonstrating maintenance strategy and quality and for reducing maintenance costs.
CRIT85	Contractor's proposals for the derivation of the SJTTE programme from the output requirements.
CRIT86	Contractor's proposals for the demonstration of a container strategy, to include minimum stockholding and RAMTAP/RAMSCAP requirements.
CRIT43	1.2.3.2 Reporting This criterion assesses the extent to which the contractor has understood the reporting requirements for the infrastructure area and the quality of his proposals to satisfy them.
CRIT39	1.2.3.3 Capital This criterion assesses the extent to which the contractor has understood the capital needs to support outputs and his ability to plan and safely execute the necessary schemes.
CRIT38	1.2.3.4 Waste Management This criterion assesses the extent to which the contractor has understood the requirements for waste treatment and the quality of his proposals to satisfy them.
CRIT37	1.2.3.5 Decommissioning This criterion assesses the extent to which the contractor has understood the need for an efficient, legally compliant decommissioning programme and the quality of his proposals for implementing it.
CRIT40	1.2.3.6 Property Management This criterion assesses the extent to which the contractor has understood the requirements for maintenance of and accounting for the asset base, together with the provision of services to MOD personnel and the quality of his proposals to meet these.

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