# Department of Defense Trusted Capital Digital Marketplace

Proposed Electronic Collection Instrument



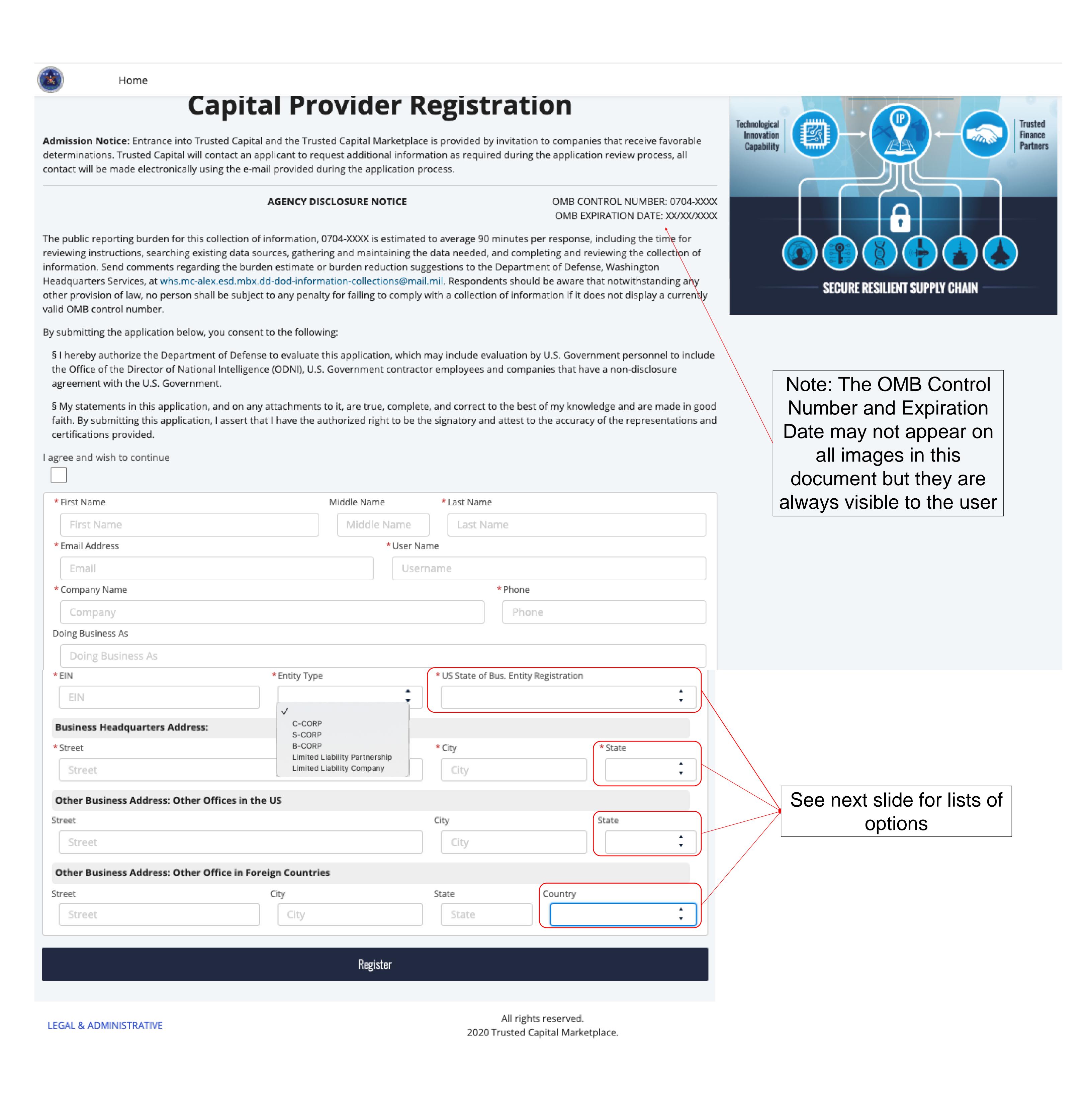


# Proposed Collection Instrument

This document is designed to provide an overview of a proposed electronic collection instrument for the Department of Defense Trusted Capital Digital Marketplace.

The following sections contain images and selectable values available to potential respondents.

# Capital Provider Registration Page



# Location Values - Domestic and International

# Capital Provider Registration Page List of States

Afghanistan	
Albania	
Algeria Andorra	
Angola	
Antigua and Ba	ırbuda
Argentina Armenia	
Australia	
Austria	
Azerbaijan	
Bahamas, The Bahrain	
Bangladesh	
Barbados	
Belarus Belgium	
Belize	
Benin	
Bhutan Bolivia	
Bosnia and Her	zegovina
Botswana	
Brazil	
Brunei Bulgaria	
Burkina Faso	
Burma	
Burundi Cabo Verde	
Cambodia	
Cameroon	
Canada	Daniel III.
Central African Chad	Kepublic
Chile	
China	
Colombia Comoros	
	rille - Republic of the Congo)
	sa - Democratic Republic of the Congo)
Costa Rica	
Cote D'Ivoire Croatia	
Cuba	
Cyprus	
Czech Republio Denmark	-
Djibouti	
Dominica	
Dominican Rep Ecuador	public
Egypt	
El Salvador	
Equatorial Gui Eritrea	nea
Estonia	
Eswatini	
Ethiopia	
Fiji Finland	
France	
Gabon	
Gambia, The	
Georgia Germany	
Ghana	
Greece	
Grenada Guatemala	
Guinea	
Guinea-Bissau	
Guyana	
Haiti Holy See (Vatio	an City)
Honduras	
Hungary	
Iceland India	
India Indonesia	
Iran	
Iraq	
Ireland Israel	
Italy	
Jamaica	
Japan Jordan	
Jordan Kazakhstan	
Kenya	
Kiribati Koroa (Dom. Pr	nonler Pen of
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Kosovo	en en est
Kuwait	
Kyrgyzstan Laos	
Laos Latvia	
Lebanon	
Lesotho	
Liberia Libya	
Liechtenstein	
Lithuania	
Lithuania Luxembourg	
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Lithuania Luxembourg Madagascar	

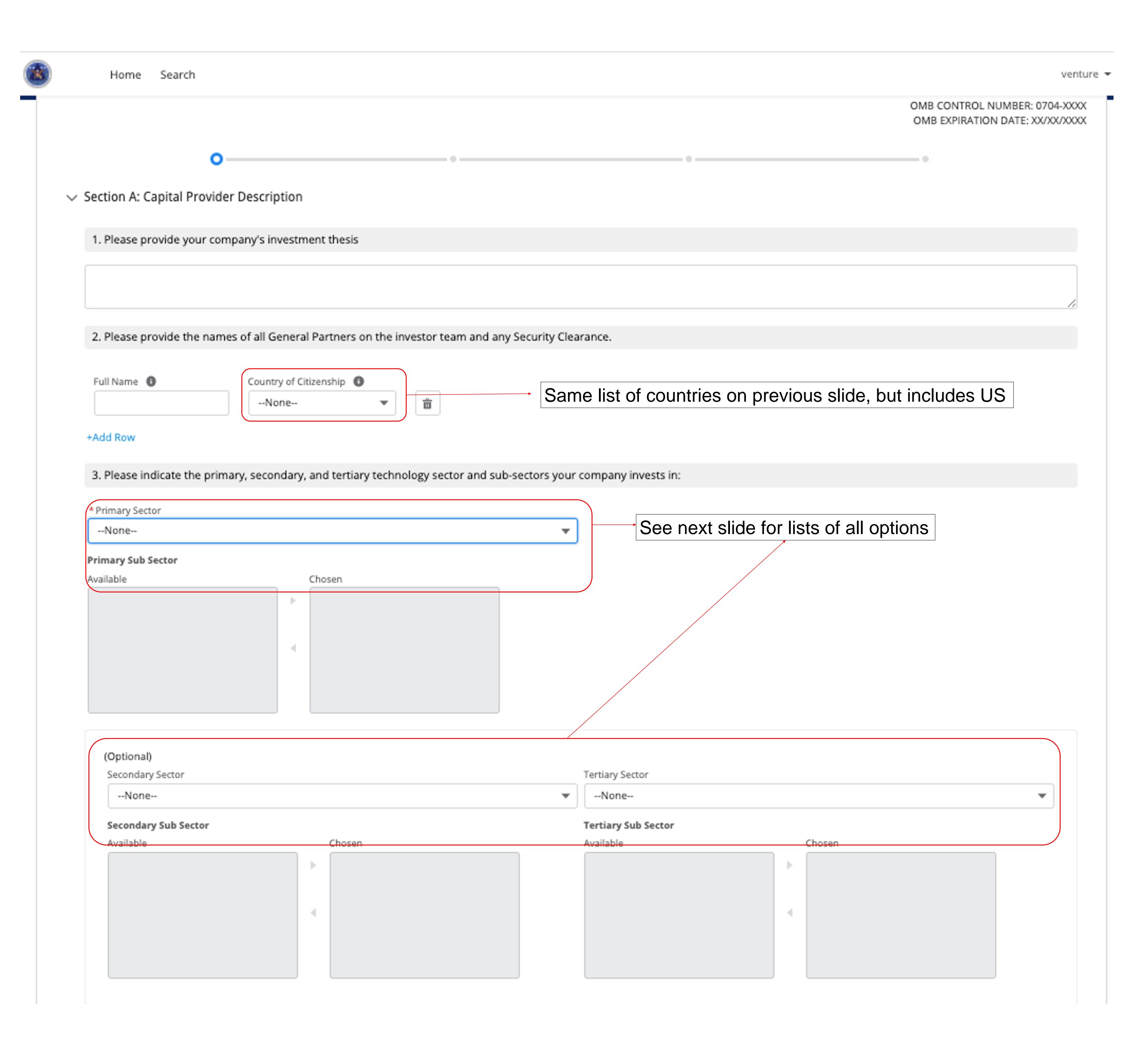
Mauritius	
Mexico	
Micronesia Moldova	
Monaco	
Mongolia	
Montenegro	
Morocco	
Mozambique	
Namibia	
Nauru	
Nepal	
Netherlands	
New Zealand	
Nicaragua	
Niger	
Nigeria North Macedonia	
Norway Oman	
Pakistan	
Palau	
Panama	
Papua New Guinea	
Paraguay	
Peru	
Philippines	
Poland	
Portugal	
Qatar	
Romania	
Russia Rwanda	
Saint Kitts and Nevis	
Saint Lucia	
Saint Vincent and the Grer	nadines
Samoa	
San Marino	
Sao Tome and Principe	
Saudi Arabia	
Senegal	
Serbia	
Seychelles	
Sierra Leone	
Singapore Slovakia	
Slovenia	
Solomon Islands	
Somalia	
South Africa	
South Sudan	
Spain	
Sri Lanka	
Sudan	
Suriname	
Sweden	
Switzerland	
Syria	
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Tajikistan	
Tanzania	
Tanzania Thailand	
Tanzania Thailand Timor-Leste	
Tanzania Thailand Timor-Leste Togo	
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Tanzania Thailand Timor-Leste Togo Tonga Trinidad and Tobago	
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Country Source: US Department of State Countries & Areas

https://www.state.gov/countries-areas/

Malta

# Capital Provider Application – Section A, Page 1



### Sector and Subsector Values

### PRIMARY, SECONDARY, & TERTIARY SECTORS:

Biotechnology,

Artificial intelligence (AI) and machine learning technology

Position, Navigation, and Timing (PNT) technology.

Microprocessor technology

Advanced computing technology

Data analytics technology

Quantum information and sensing technology

Logistics technology

Additive manufacturing (e.g., 3D printing)

Robotics

Brain-computer interfaces

Hypersonics

Advanced Materials

Advanced surveillance technologies

### PRIMARY, SECONDARY, & TERTIARY SECTORS WITH SUBSECTORS:

### **Biotechnology**

- (i) Nanobiology
- (ii) Synthetic biology
- (iv) Genomic and genetic engineering; or
- (v) Neurotech

### Artificial intelligence (AI) and machine learning technology

- (i) Neural networks and deep learning (e.g., brain modelling, time series prediction, classification)
- (ii) Evolution and genetic computation (e.g., genetic algorithms, genetic programming)
- (iii) Reinforcement learning
- (iv) Computer vision (e.g., object recognition, image understanding)
- (v) Expert systems (e.g., decision support systems, teaching systems)
- (vi) Speech and audio processing (e.g., speech recognition and production)
- (vii) Natural language processing (e.g., machine translation)
- (viii) Planning (e.g., scheduling, game playing)
- (ix) Audio and video manipulation technologies (e.g., voice cloning, deepfakes)
- (x) AI cloud technologies; or
- (xi) AI chipsets

### Position, Navigation, and Timing (PNT) technology (none)

### PRIMARY, SECONDARY, & TERTIARY SECTORS WITH SUBSECTORS:

### Microprocessor technology

- (i) Systems-on-Chip (SoC); or
- (ii) Stacked Memory on Chip

### Advanced computing technology

(i) Memory-centric logic

### Data analytics technology

- (i) Visualization
- (ii) Automated analysis algorithms
- (iii) Context-aware computing

### Quantum information and sensing technology

- (i) Quantum computing
- (ii) Quantum encryption; or
- (iii) Quantum sensing

### Logistics technology

- (i) Mobile electric power
- (ii) Modeling and simulation
- (iii) Total asset visibility
- (iv) Distribution-based Logistics Systems (DBLS)

### Additive manufacturing (e.g., 3D printing)

#### Robotics

- (i) Micro-drone and micro-robotic systems
- (ii) Swarming technology
- (iii) Self-assembling robots
- (iv) Molecular robotics
- (v) Robot compliers; or
- (vi) Smart Dust

### **Brain-computer interfaces**

- (i) Neural-controlled interfaces
- (ii) Mind-machine interfaces
- (iii) Direct neural interfaces; or
- (iv) Brain-machine interfaces

### **Hypersonics**

- (i) Flight control algorithms
- (ii) Propulsion technologies
- (iii) Thermal protection systems; or
- (iv) Specialized materials (for structures, sensors, etc.)

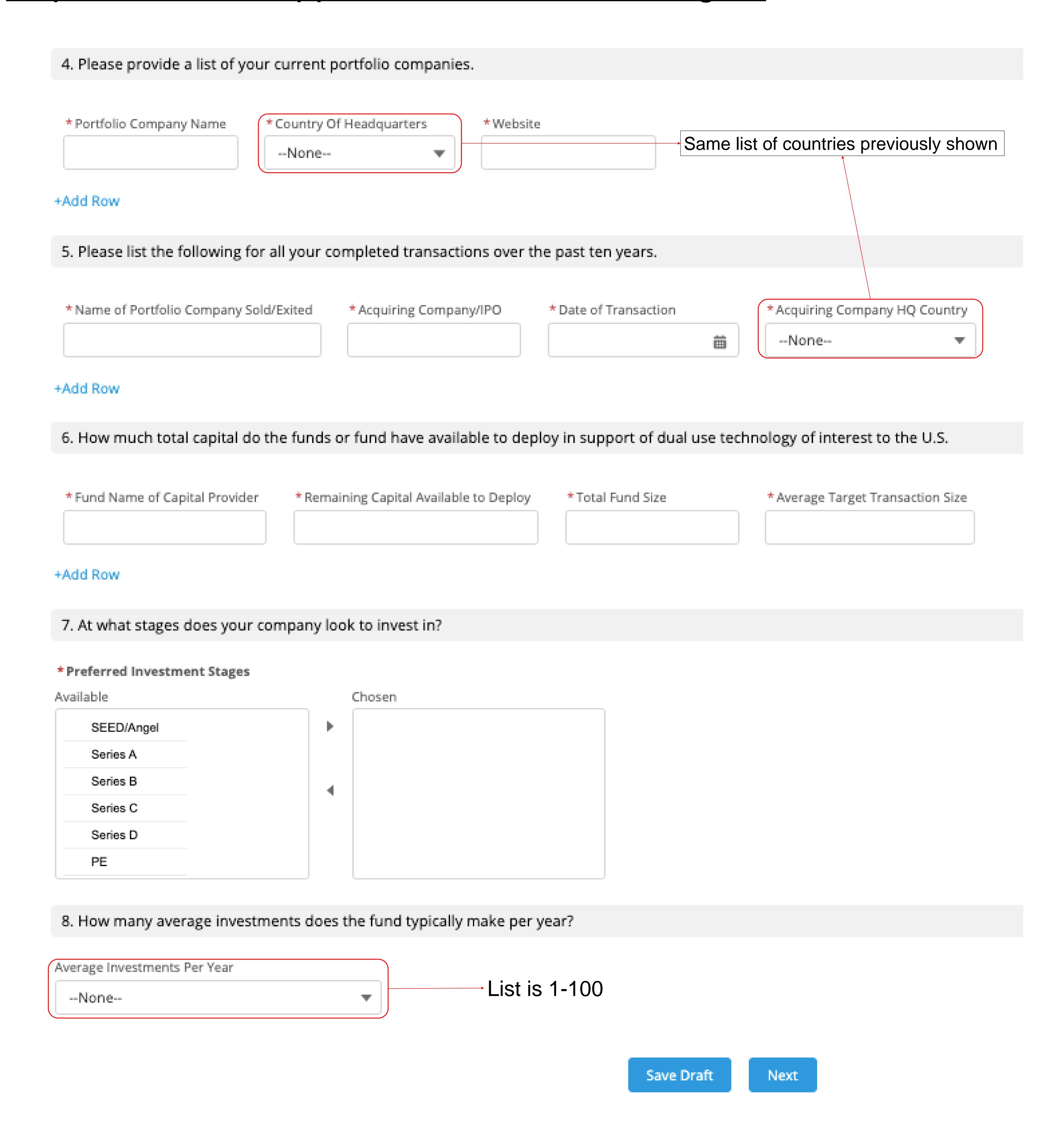
### **Advanced Materials**

- (i) Adaptive camouflage
- (ii) Functional textiles (e.g., advanced fiber and fabric technology); or
- (iii) Biomaterials

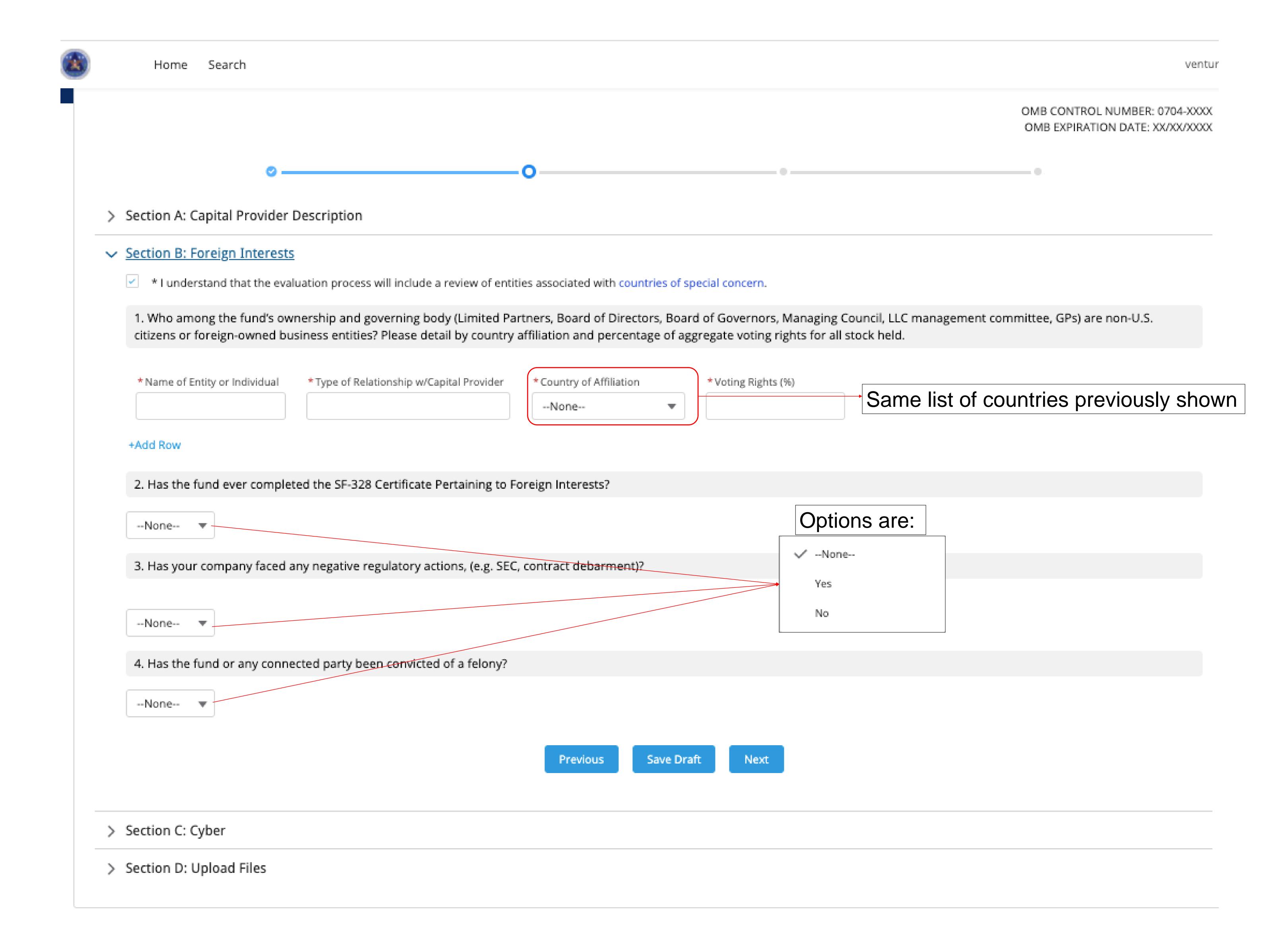
### Advanced surveillance technologies

(i) Faceprint and voiceprint technologies

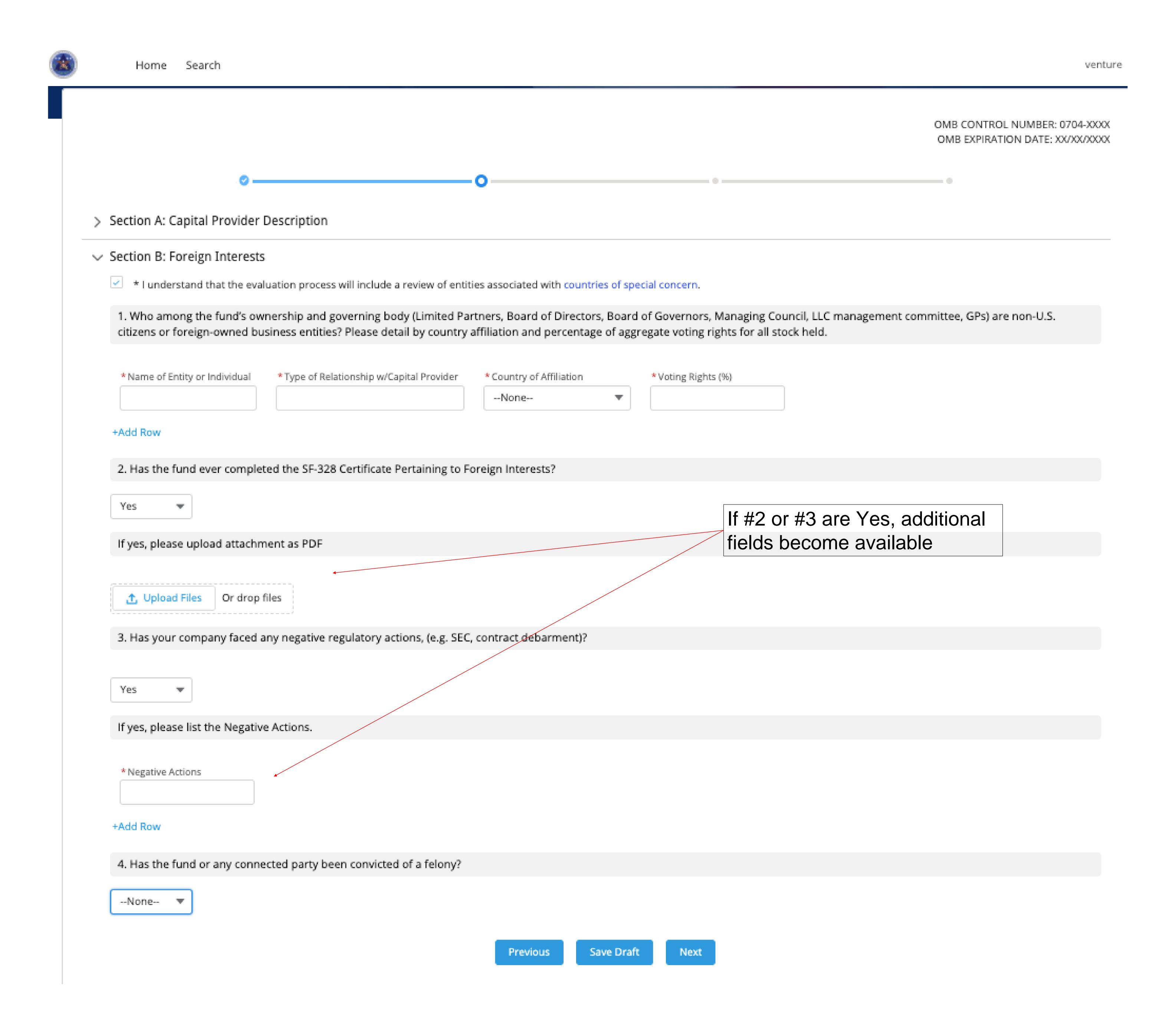
# Capital Provider Application - Section A, Page 2



# Capital Provider Application - Section B, Page 1



# Capital Provider Application – Section B, Page 2

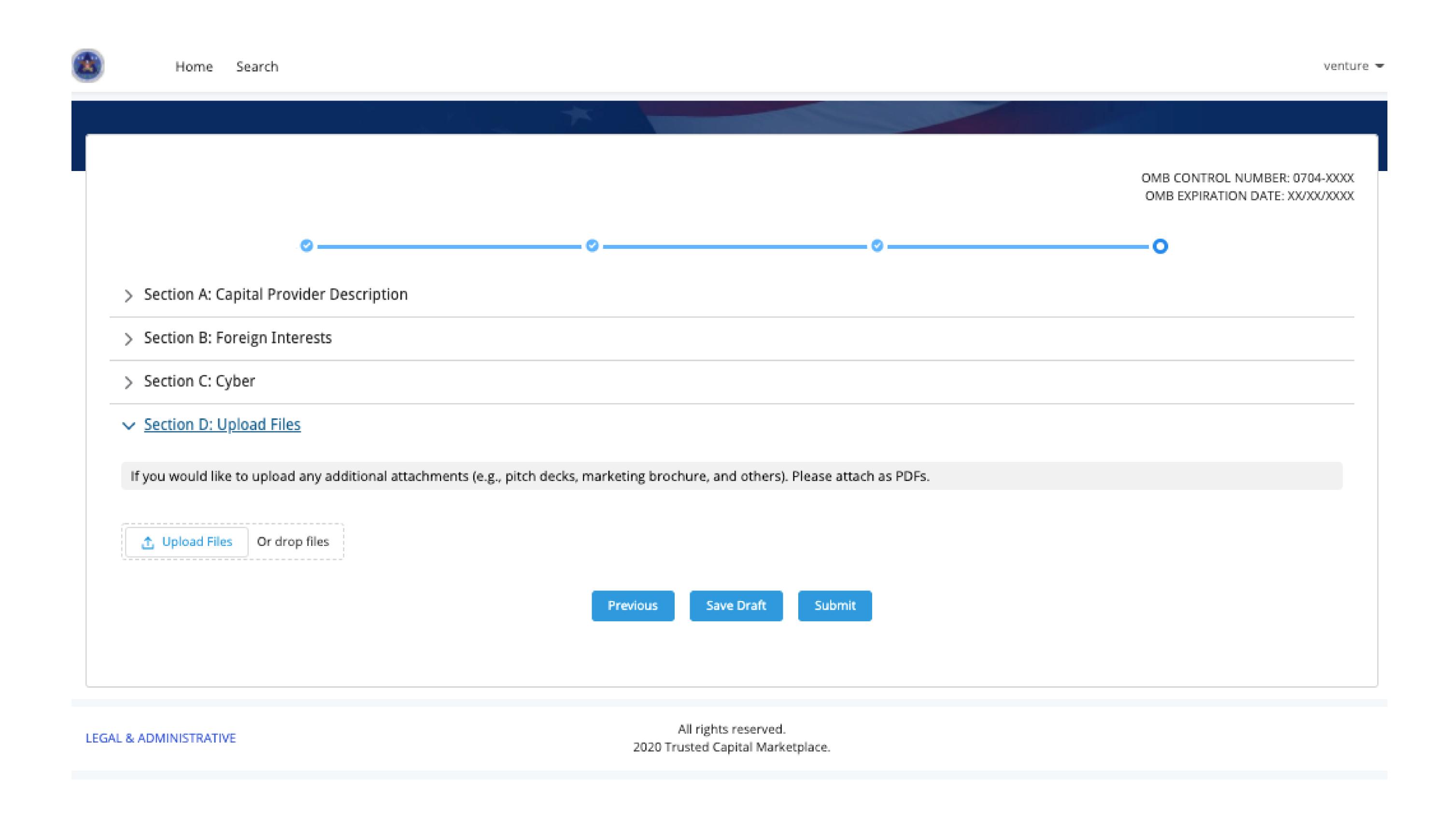


# Capital Provider Application – Section C

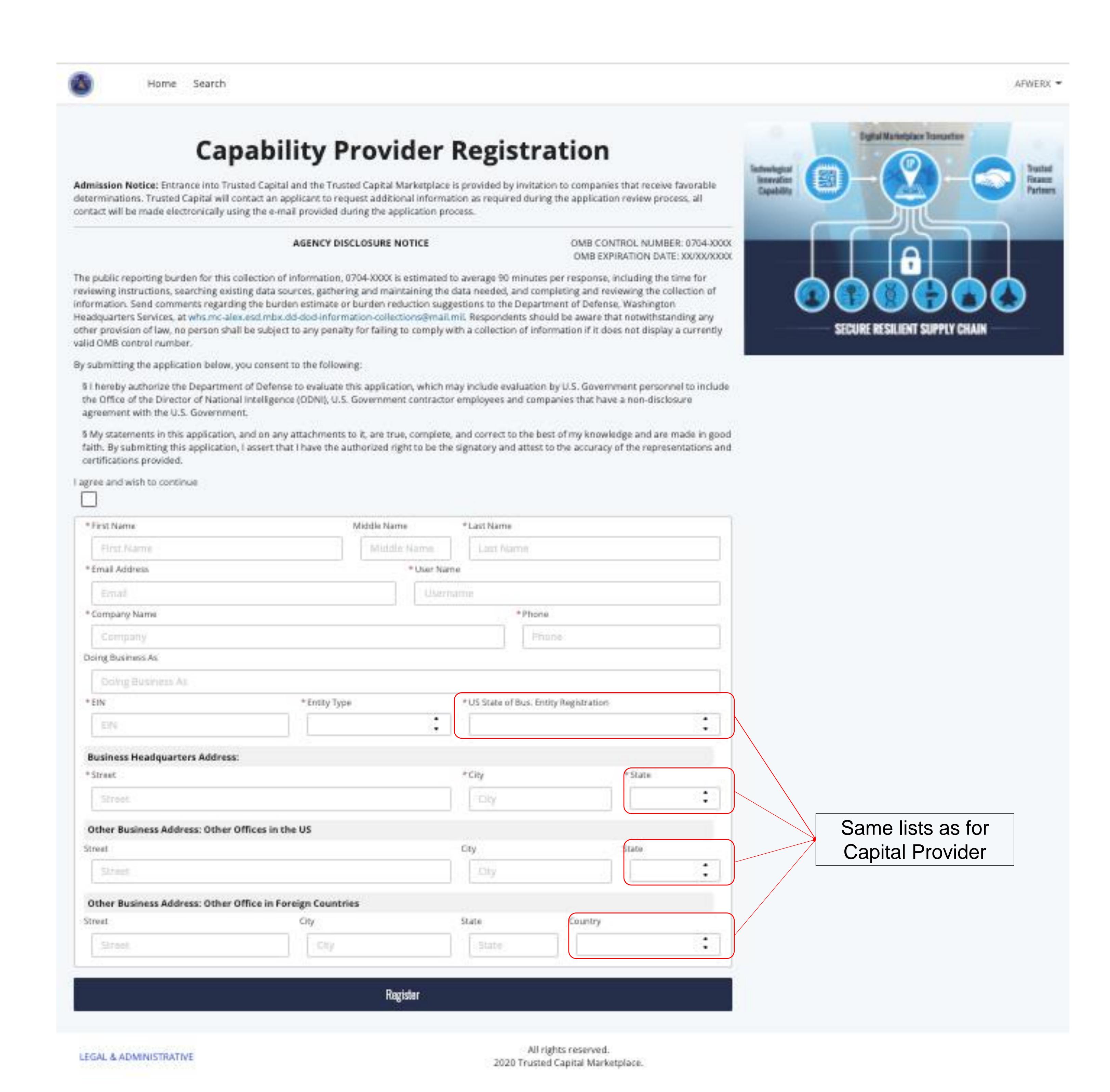


Section D: Upload Files

# Capital Provider Application – Section D (Upload Option)

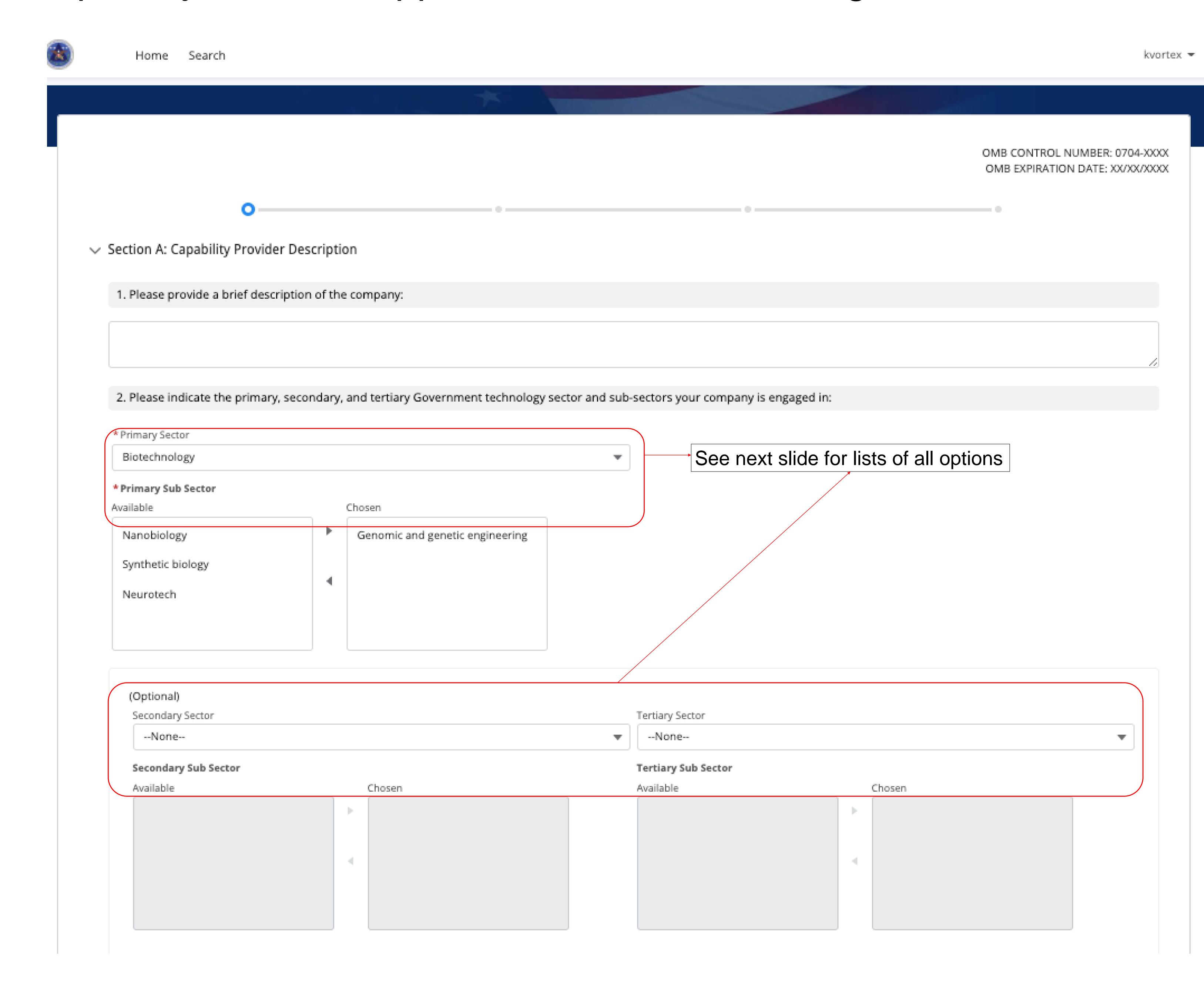


# Capability Provider Registration Page



11

# Capability Provider Application - Section A, Page 1



# Sector and Subsector Values

### PRIMARY, SECONDARY, & TERTIARY SECTORS:

Biotechnology,

Artificial intelligence (AI) and machine learning technology

Position, Navigation, and Timing (PNT) technology.

Microprocessor technology

Advanced computing technology

Data analytics technology

Quantum information and sensing technology

Logistics technology

Additive manufacturing (e.g., 3D printing)

Robotics

Brain-computer interfaces

Hypersonics

Advanced Materials

Advanced surveillance technologies

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- (vii) Natural language processing (e.g., machine translation)
- (viii) Planning (e.g., scheduling, game playing)
- (ix) Audio and video manipulation technologies (e.g., voice cloning, deepfakes)
- (x) AI cloud technologies; or
- (xi) AI chipsets

### Position, Navigation, and Timing (PNT) technology (none)

### PRIMARY, SECONDARY, & TERTIARY SECTORS WITH SUBSECTORS:

### Microprocessor technology

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### Advanced computing technology

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### Quantum information and sensing technology

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### Logistics technology

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- (iii) Thermal protection systems; or
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### **Advanced Materials**

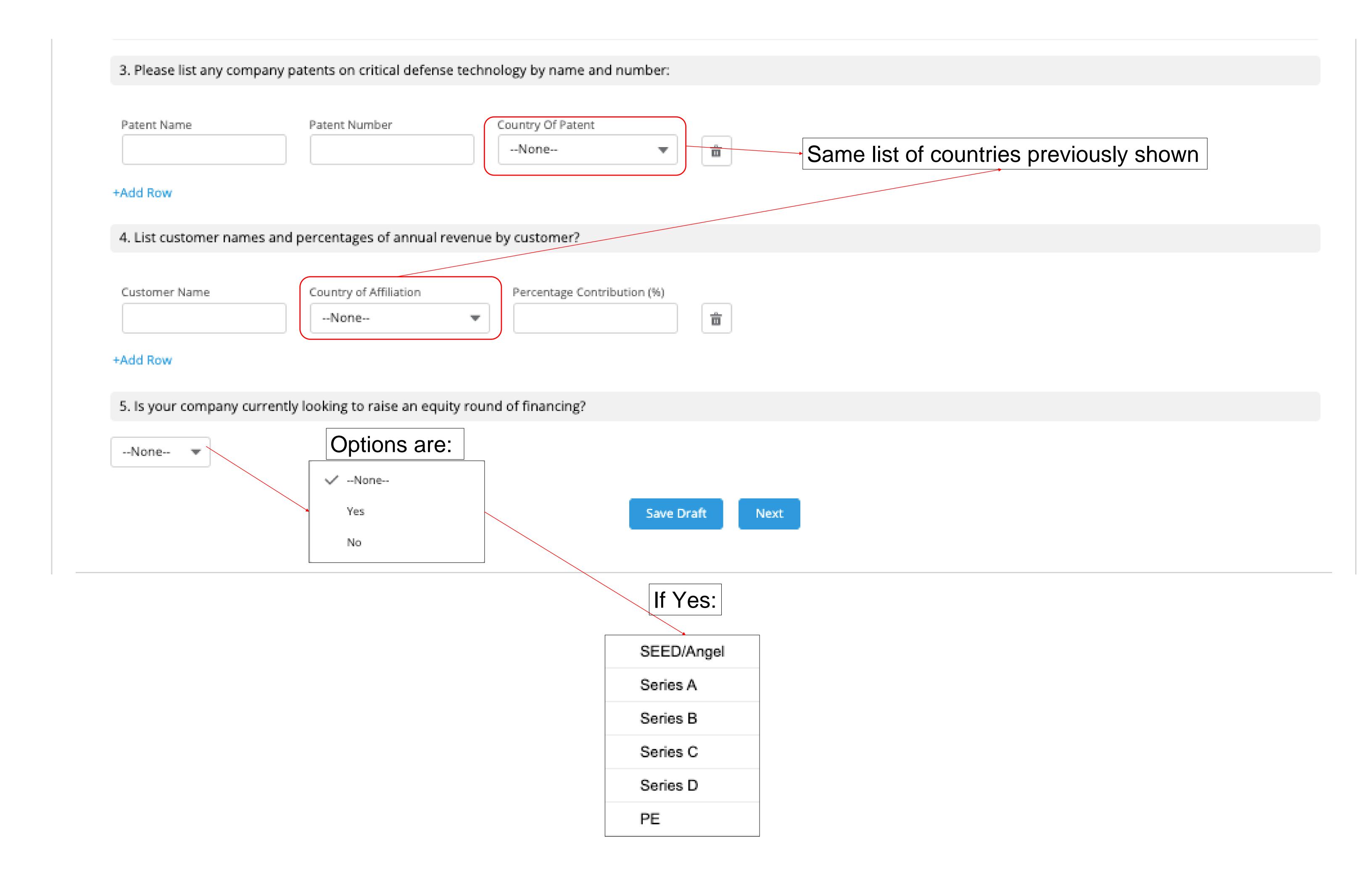
- (i) Adaptive camouflage
- (ii) Functional textiles (e.g., advanced fiber and fabric technology); or
- (iii) Biomaterials

### Advanced surveillance technologies

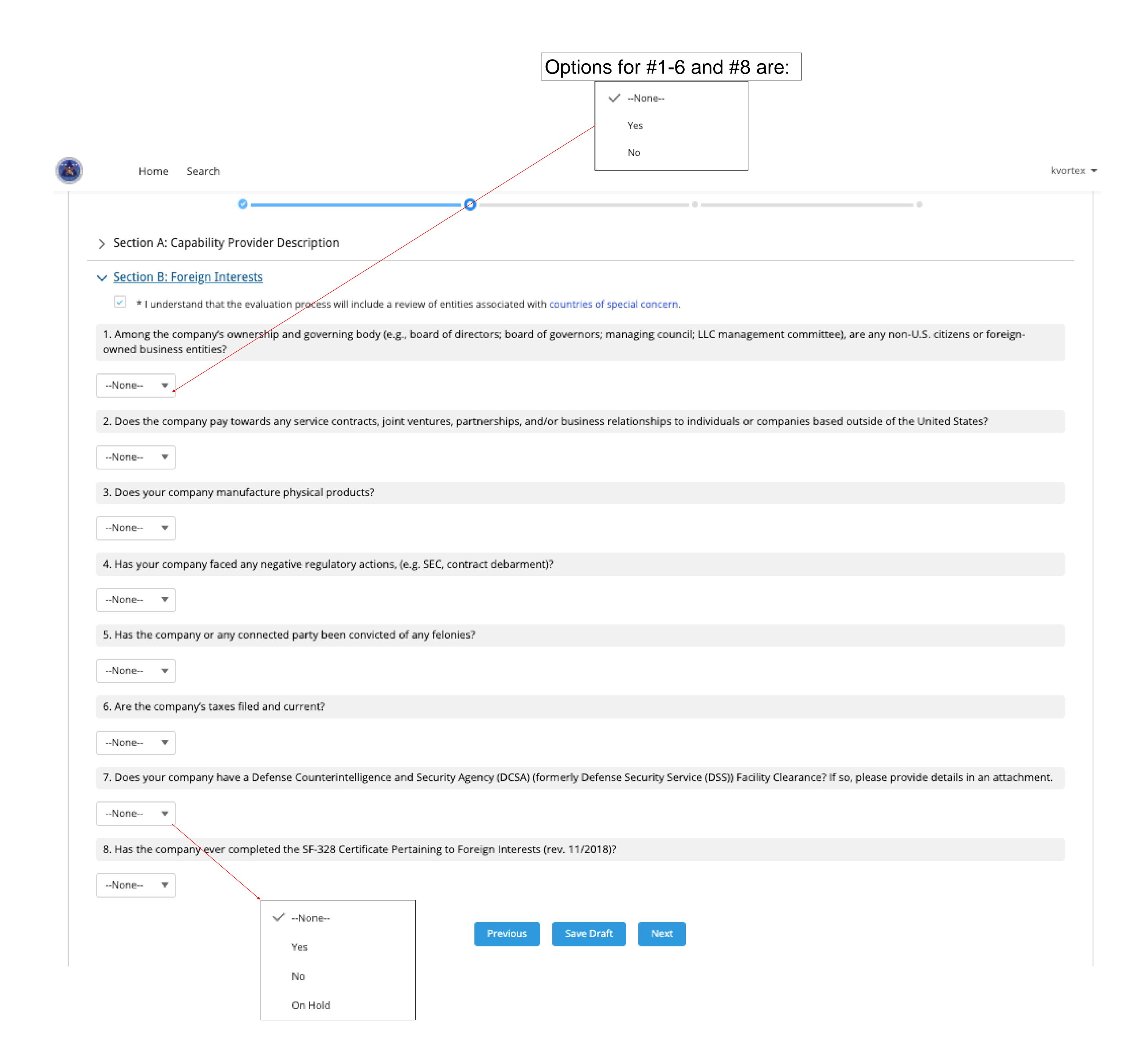
(i) Faceprint and voiceprint technologies

Capability Provider Application Section A – Sectors and Subsectors

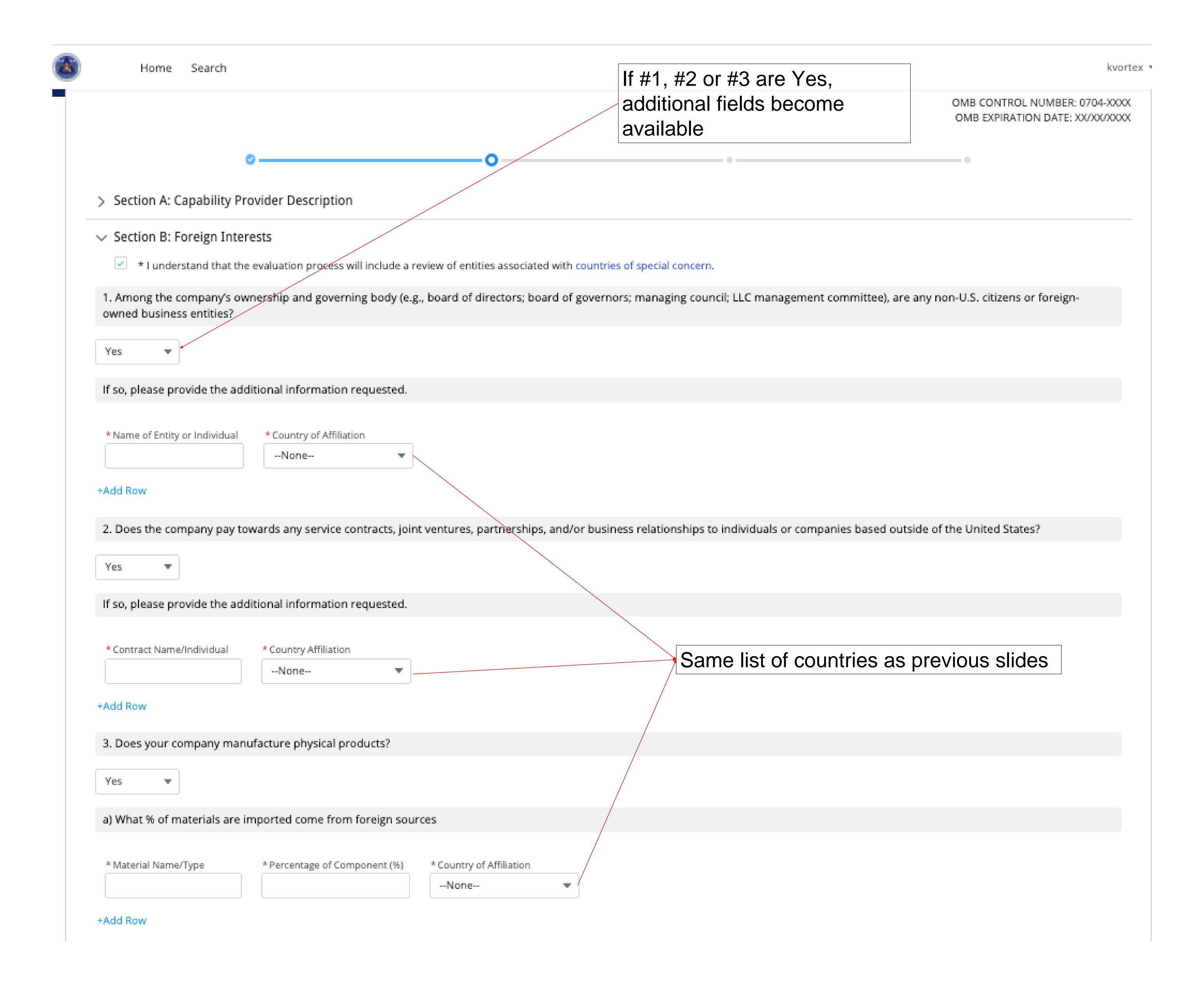
# Capability Provider Application - Section A, Page 2



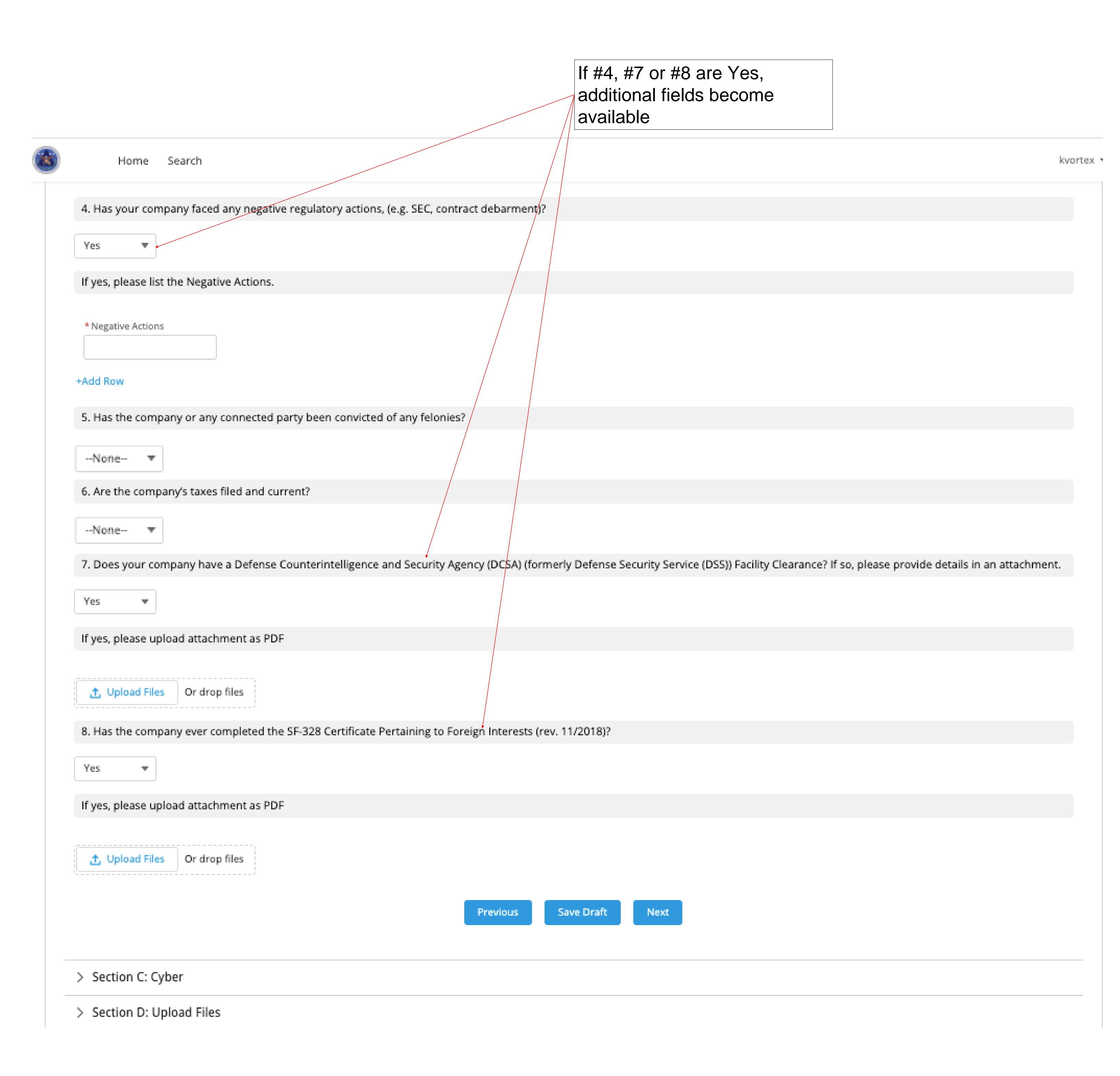
# Capability Provider Application - Section B, Page 1



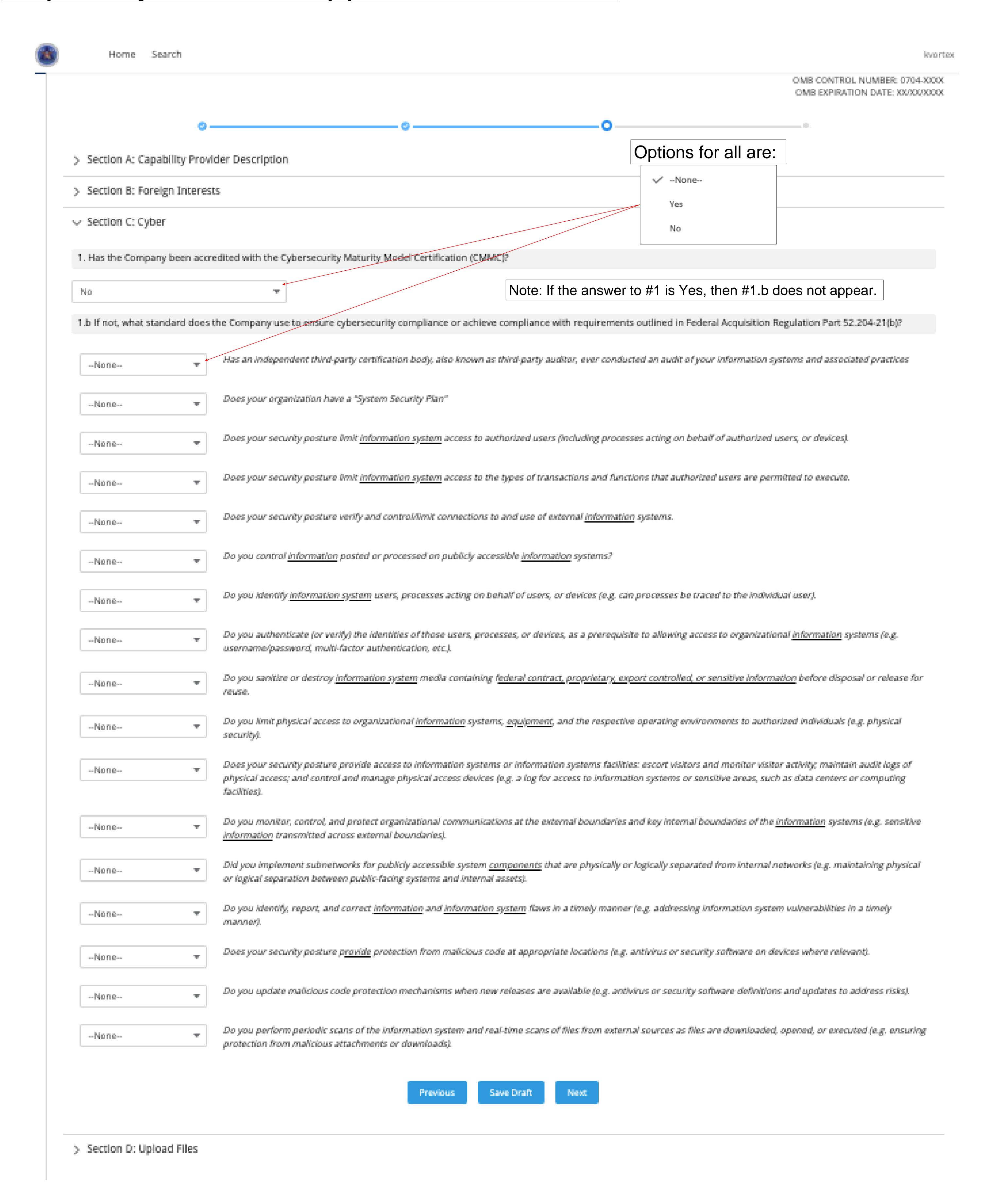
# Capability Provider Application – Section B, Page 2



# Capability Provider Application - Section B, Page 3



# Capability Provider Application – Section C



# Capability Provider Application – Section D (Upload Option)

