

**Appendix 6 to  
Seventh Amendment of Master  
Services Agreement**

**Attachment 4-A  
Service Provider Pricing Form**

August 10, 2020



**Attachment to Managed Security Services  
Service Component Provider  
Master Services Agreement  
DIR Contract No. DIR-MSS-SCP-001**

Between

**The State of Texas, acting by and through  
the Texas Department of Information Resources**

*and*

**AT&T Corp.**

**Attachment 4-A  
Service Provider Pricing Forms**

**August 10, 2020**



Service Area	Resource Unit	Type of Charge Monthly Recurring Charge (MRC) Non-Recurring Charge (NRC)/One-time Charge (OTC)	Unit of Measurement	Initial Customers at Contract Execution	Could MSS Service be Purchased if Device is in DCS Program
<b>1. Device Management &amp; Security Monitoring</b>					
	Endpoint Device Services	MRC	Aggregate number of Endpoint Devices	None	No if device resides in a consolidated data center or DCS Public Cloud
	Intrusion Detection Systems (IDS)/Intrusion Prevention Systems (IPS)	MRC	Aggregate number of IDS/IPS devices.	None	No if device resides in a consolidated data center or DCS Public Cloud
	Intrusion Detection Systems (IDS)/Intrusion Prevention Systems (IPS) (Customer Site & Customer HW/SW)	MRC	Aggregate number of IDS/IPS devices.	DIR's Security Operations Center (SOC)	No if device resides in a consolidated data center or DCS Public Cloud
	SOC Monitoring and Alerting Requirements (Customer Site & Customer HW/SW, 7am - 7 pm Onsite Monitoring)	MRC	Flat rate per site.	DIR's Security Operations Center (SOC)	No if device resides in a consolidated data center or DCS Public Cloud
	SOC Monitoring and Alerting Requirements (Customer Site & Customer HW/SW, 5am - 9pm Onsite Monitoring)	MRC	Flat rate per site.	DIR's Security Operations Center (SOC)	No if device resides in a consolidated data center or DCS Public Cloud
	SOC Monitoring and Alerting Requirements, Program and Device Management, Vulnerability Scanning and SOC 24x7 Active Monitoring (Customer Site & Customer HW/SW, 24x7 Monitoring)	MRC	Flat rate per site.	None	No if device resides in a consolidated data center or DCS Public Cloud
	Malware Detection System/Malware Prevention System	MRC	Aggregate number of MDS/MPS.	DIR's Security Operations Center (SOC)	No if device resides in a consolidated data center or DCS Public Cloud
	IDS/IPS Setup	NRC/OTC	Flat rate per setup	None	No if device resides in a consolidated data center or DCS Public Cloud
	Managed Host-based Intrusion Prevention Services	MRC	Aggregate number of logical hosts	None	No
	Managed Host Intrusion Prevention Setup	NRC/OTC	Flat rate per setup	None	No
	Managed Firewall	MRC	Aggregate number of managed firewalls	None	No if device resides in a consolidated data center or DCS Public Cloud
	Managed Firewall Setup	NRC/OTC	Flat rate per setup	None	No if device resides in a consolidated data center or DCS Public Cloud
	Managed Web Application Firewall Services	MRC	Aggregate number of web application firewalls	None	Yes
	Managed Web Application Firewall Setup	NRC/OTC	Flat rate per setup	None	Yes
	Disaster Recovery - Full Test (one time)	NRC/OTC	Flat rate per unit per occurrence if Customer request a full recovery DR test.	None	Yes if device resides outside a consolidated data center, DCS Public Cloud, or WAF
	Disaster Recovery - Customer Table Top Test (one-time)	NRC/OTC	Flat rate per unit per occurrence if Customer request a table top DR test.	None	Yes if device resides outside a consolidated data center, DCS Public Cloud, or WAF
	Security Information Event Management (SIEM)	MRC	Aggregate number of IPS, Web Proxy, logical hosts, firewalls, WAFs	DIR's Security Operations Center (SOC)	No
	Remote Targeted Threat Research	MRC	Monthly rate based on duration of engagement	DIR's Security Operations Center (SOC)	Yes
	Customer Site Device Management Rate Card	NRC/OTC	Hourly rate for Device Management Services performed onsite @ Customer location.	None	Yes if device resides outside a consolidated data center, DCS Public Cloud, or WAF

Service Area	Resource Unit	Type of Charge Monthly Recurring Charge (MRC) Non-Recurring Charge (NRC)/One-time Charge (OTC)	Unit of Measurement	Initial Customers at Contract Execution	Could MSS Service be Purchased if Device is in DCS Program
<b>1. Device Management &amp; Security Monitoring</b>					
	Truck Roll (DASH)	NRC/OTC	Daily rate for hardware installations, or physical hardware or connectivity checks at a Customer Site in a DASH location.	None	Yes
	Truck Roll (NON-DASH)	NRC/OTC	Daily rate for hardware installations, or physical hardware or connectivity checks at a Customer Site in a NON-DASH location.	None	Yes
<b>2. Incident Response</b>					
	Security Incident Management	NRC/OTC	Hourly rate for services performed based onsite @ Customer location or remotely from Service Provider Site in the event of an incident.	None	No
	Digital Forensics	NRC/OTC	Hourly rate for services performed based onsite @ Customer location or remotely from Service Provider Site in the event of an incident.	None	Yes
	Response Preparedness	NRC/OTC	Hourly rate for services performed based onsite @ Customer location or remotely from Service Provider Site in the event of an incident.	None	Yes
<b>3. Risk and Compliance</b>					
	Penetration Testing	NRC/OTC	Aggregate number of Live IP Addresses tested per Customer.	DIR	Yes
	Texas Cybersecurity Framework Assessment	NRC/OTC	Flat rate per assessment per Customer.	DIR	Yes
	Security Risk Assessment Rate Card	NRC/OTC	Hourly rate for Security Risk Assessment Services performed onsite @ Customer location or remotely from Service Provider Site.	None	Yes
	Cloud Compliance	NRC/OTC	Flat rate per cloud vendor assessment per Customer.	None	Yes
	Vulnerability Scanning	MRC or NRC/OTC (External)	Aggregate number of Live IP Addresses tested per Customer for a 12 mth subscription service or a one-time scan. Internal 12 mth subscriptions require additional hw/sw.	None	Yes
	Web Application Vulnerability Scanning (Remote/SP Site)	MRC or NRC/OTC	Aggregate number of web applications per Customer for a 12 mth subscription service or a one-time scan.	DIR	Yes
	Web or Mobile Application Penetration Test	NRC/OTC	Flat rate per application.	None	Yes
	Elections Security Assessment	NRC/OTC	Flat rate per assessment per Customer.	None	Yes

Monthly Unit Rates

RU Ref No.	Resource Unit	Unit of Measure	Resource Type	Y1 (Stub)-Y4				Optional Y5-Y8				Customer Owned HW/SW discount	Pricing Narrative
				Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit	Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit		
<b>1. Device Management &amp; Security Monitoring</b>													
1.01	Endpoint Device Services - (SP HW & SW/24 x 7 x 365) - Platinum	Per Device		1-100	\$13	101+	\$11	1-100	\$14	101+	\$12	SW-10%	Example 1: In a given month total quantity ordered for RU Ref No. 1.01 equal 50 devices. The charge for that month would be 50 * \$13 = \$650
1.02	Endpoint Device Services - (SP HW & SW/24 x 7 x 365) - Gold	Per Device		1-100	\$12	101+	\$10	1-100	\$13	101+	\$11	SW-10%	Example 2: In a given month total quantity ordered for RU Ref No. 1.02 equal 110 devices. The charge for that month would be 110 * \$10 = \$1100
1.03	IDS/IPS - (SP HW & SW/24 x 7 x 365) - Platinum	Per <=1 Gbps Device		1-10	\$2,659	11+	\$1,994	1-10	\$2,943	11+	\$2,158	HW&SW-15%	Example 1: In a given month total quantity ordered for RU Ref No. 1.03 equal 5 devices. The charge for that month would be 5 * \$2659 = \$13,295
1.04	IDS/IPS - (SP HW & SW/24 x 7 x 365) - Gold	Per <=1 Gbps Device		1-10	\$2,556	11+	\$1,934	1-10	\$2,821	11+	\$2,088	HW&SW-15%	Example 2: In a given month total quantity ordered for RU Ref No. 1.03 equal 11 devices. The charge for that month would be 11 * \$1994 = \$21,934
1.05	IDS/IPS (Customer Site & Customer HW/SW, 24 x 7 x 365) - Platinum	Per 10 Gbps or greater Device (Remote Management)		1-10	\$5,539	11+	\$4,653	1-10	\$6,647	11+	\$5,584		Example 1: In a given month total quantity ordered for RU Ref No. 1.05 equal 5 devices. The charge for that month would be 5 * \$5,539 = \$27,695  Example 2: In a given month total quantity ordered for RU Ref No. 1.05 equal 11 devices. The charge for that month would be 11 * \$4,653 = \$51,183
1.06	IDS/IPS (Customer Site & Customer HW/SW, 24 x 7 x 365) - Gold	Per 10 Gbps Device (Remote Management)		1-10	\$5,151	11+	\$4,327	1-10	\$6,078	11+	\$5,106		Example 1: In a given month total quantity ordered for RU Ref No. 1.06 equal 5 devices. The charge for that month would be 5 * \$5,151 = \$25,755  Example 2: In a given month total quantity ordered for RU Ref No. 1.06 equal 11 devices. The charge for that month would be 11 * \$4,327 = \$47,597
1.07	SOC Monitoring and Alerting Requirements (Customer Site & Customer HW/SW, 7am - 7pm Onsite Monitoring)	Flat rate per site (Includes 3 Security Analysts and a Site Lead on Customers site. Other SOC Staffing models can be priced as a New Service)		Per Site	\$149,314			Per Site	\$161,259				Example 1: In a given month total quantity ordered for RU Ref No. 1.07 equal 2 sites. The charge would be 2 * \$149,314 = \$298,628
1.08	SOC Monitoring and Alerting Requirements (Customer Site & Customer HW/SW, 5am - 9pm Onsite Monitoring)	Flat rate per site (Includes 6 Security Analysts (4 Senior, 2 mid/Junior) one being a Site Lead on Customers site. Other SOC Staffing models can be priced as a New Service)		Per Site	\$189,314			Per Site	\$204,459				Example 1: In a given month total quantity ordered for RU Ref No. 1.08 equals 2 sites. The charge would be 2 * \$189,314 = \$378,628
1.09	SOC Monitoring and Alerting Requirements, Program and Device Management, Vulnerability Scanning and SOC 24x7 Active Monitoring. (Customer Site & Customer HW/SW, 24x7 Monitoring)	Flat rate per site. (Includes (6) dedicated resources to be located on Customer's site 8AM-5PM Monday-Friday including a Security Advisor, Operations Manager, (4) SOC Tier III personnel, (6) Tier II remote resources for 2nd and 3rd weekday shifts (5PM-8AM Monday-Friday), weekends, and holidays, and on-call after business hours Tier III support.  Other SOC Staffing models can be priced as a New Service)		Per Site	\$443,945			Per Site	\$488,350				Example 1: In a given month total quantity ordered for RU Ref No. 1.09 equals 2 sites. The charge would be 2 * \$443,945 = \$887,890.

Monthly Unit Rates

RU Ref No.	Resource Unit	Unit of Measure	Resource Type	Y1 (Stub)-Y4				Optional Y5-Y8				Customer Owned HW/SW discount	Pricing Narrative
				Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit	Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit		
<b>1. Device Management &amp; Security Monitoring</b>													
1.10	MDS/MPS (Remote Management) - (Customer HW & SW/24 x 7 x 365) - Platinum	Per MDS/MPS		1-10	\$2,659	11+	\$1,994	1-10	\$2,943	11+	\$2,158		Example 1: In a given month total quantity ordered for RU Ref No. 1.10 equal 5 devices. The charge for that month would be 5 * \$2659 = \$13,295  Example 2: In a given month total quantity ordered for RU Ref No. 1.10 equal 11 devices. The charge for that month would be 11 * \$1,994 = \$21,934
1.11	MDS/MPS (Remote Management) - (Customer HW & SW/24 x 7 x 365) - Gold	Per MDS/MPS		1-10	\$2,556	11+	\$1,934	1-10	\$2,821	11+	\$2,088		
1.12	IDS/IPS Setup	Per Setup per Device (High Availability (HA) Pair = 1 Device) (Non Enterprise)			\$2,875				\$3,733				Example 1: In a given month total quantity ordered for RU Ref No. 1.12 equal 3 devices installed. The charge would be 3 * \$2,875 = \$8625
1.13	Managed Host Intrusion Protection - (SP HW & SW/24 x 7 x 365) - Platinum	Per Logical Host		1-50	\$14	51+	\$12	1-50	\$15	51+	\$13	HW&SW-10%	Example 1: In a given month total quantity ordered for RU Ref No. 1.13 equal 10 devices. The charge for that month would be 10 * \$14 = \$140  Example 2: In a given month total quantity ordered for RU Ref No. 1.13 equal 55 devices. The charge for that month would be 55 * \$12 = \$660
1.14	Managed Host Intrusion Protection - (SP HW & SW/24 x 7 x 365) - Gold	Per Logical Host		1-50	\$13	51+	\$11	1-50	\$14	51+	\$12	HW&SW-10%	
1.15	Managed Host Intrusion Protection Setup	Remote Setup Per Unique Configuration (i.e. Webserver, Database Server, etc.)			\$990				\$1,294				Example 1: In a given month total quantity ordered for RU Ref No. 1.15 equal 3 devices installed. The charge would be 3 * \$990 = \$2970
1.16	Managed Firewall - (SP HW & SW/24 x 7 x 365) - Platinum	Per Firewall		1-10	\$1,612	11+	\$895	1-10	\$1,837	11+	\$991	HW&SW-10%	Example 1: In a given month total quantity ordered for RU Ref No. 1.16 equal 5 devices. The charge for that month would be 5 * \$1,612 = \$8,060  Example 2: In a given month total quantity ordered for RU Ref No. 1.16 equal 15 devices. The charge for that month would be 15 * \$895 = \$13,425
1.17	Managed Firewall - (SP HW & SW/24 x 7 x 365) - Gold	Per Firewall		1-10	\$1,530	11+	\$861	1-10	\$1,740	11+	\$950	HW&SW-10%	
1.18	Managed Firewall Setup	Per Setup per Firewall Device (HA Pair = 1 Device)			\$2,300				\$2,987				Example 1: In a given month total quantity ordered for RU Ref No. 1.18 equal 3 devices installed. The charge would be 3 * \$2,300 = \$6,900
1.19	Managed Web Application Firewall Services - (SP HW & SW/24 x 7 x 365) - Platinum	Per WAF		1-10	\$1,330	11+	\$983	1-10	\$1,504	11+	\$1,094	HW&SW-10%	Example 1: In a given month total quantity ordered for RU Ref No. 1.19 equal 10 devices. The charge for that month would be 10 * \$1330 = \$13,300  Example 2: In a given month total quantity ordered for RU Ref No. 1.19 equal 55 devices. The charge for that month would be 55 * \$983 = \$54,065
1.20	Managed Web Application Firewall Services - (SP HW & SW/24 x 7 x 365) - Gold	Per WAF		1-10	\$1,267	11+	\$942	1-10	\$1,429	11+	\$1,047	HW&SW-10%	

Monthly Unit Rates

RU Ref No.	Resource Unit	Unit of Measure	Resource Type	Y1 (Stub)-Y4				Optional Y5-Y8				Customer Owned HW/SW discount	Pricing Narrative
				Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit	Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit		
<b>1. Device Management &amp; Security Monitoring</b>													
1.21	Managed Web Application Firewall Setup	Per Setup per Web App Firewall Device (HA Pair = 1 Device)			\$2,300					\$2,987			Example 1: In a given month total quantity ordered for RU Ref No. 1.21 equal 3 devices installed. The charge would be 3 * \$2,300 = \$6,900
1.22	Disaster Recovery - Full Test (one time)	Per test per Device, Logical Host, Firewall or WAF		1-10	\$1,768	11+	\$1,577	1-10	\$1,909	11+	\$1,703		Example 1: In a given month total quantity ordered by a customer for RU Ref No. 1.22 equal 3 devices tested. The charge would be 3 * \$1768 = \$5,304  Example 2: In a given month total quantity ordered by two customers for RU Ref No. 1.22 equal 21 devices tested. Customer A tests 9 devices and customer B tests 12 devices. The charges would be 9 * \$1768 = \$5,304 for Customer A and 12 * \$1577 = \$18,924 for Customer B.
1.23	Disaster Recovery - Customer Table Top Test (one-time)	Per test per Device, Logical Host, Firewall or WAF		1-10	\$1,360	11+	\$1,213	1-10	\$1,469	11+	\$1,311		Example 1: In a given month total quantity ordered by a customer for RU Ref No. 1.23 equal 3 devices tested. The charge would be 3 * \$1,360 = \$4,080  Example 2: In a given month total quantity ordered by two customers for RU Ref No. 1.23 equal 21 devices tested. Customer A tests 9 devices and customer B tests 12 devices. The charge would be 9 * \$1,360 = \$12,240 for Customer A and 12 * \$1,213 = \$14,556 for Customer B
1.24	Security Information Event Management (SP HW & SW/24 x 7 x 365)	Per IPS, Web Proxy, Logical Host, Firewall or WAF		1-1000	\$82	1001+	\$72	1-1000	\$106	1001+	\$90		Example 1: In a given month total quantity ordered for RU Ref No. 1.24 equal 500 devices. The charge would be 500 * \$82 = \$41,000  Example 2: In a given month total quantity ordered for RU Ref No. 1.24 equal 1500 devices. The charge would be 1500 * \$72 = \$108,000
1.25	Remote Targeted Threat Research	Monthly Rate - Remote		1-3 months	\$13,956			1-3 months	\$15,072				Example 1: In a given month total quantity ordered by a single-customer for RU Ref No. 1.25-1.27 is a 2 month commitment. The charge would be 1 * \$13,956 = \$13,956 per month, for the 2 month term of the engagement.
1.26		Monthly Rate - Remote		4-12 months	\$10,337			4-12 months	\$11,164				Example 2: In a given month total quantity ordered by two customers for RU Ref No. 1.25-1.27 is a 2 month commitment and the other a 8 month commitment. The charge would be \$13,956 per month for the customer with a 2 month commitment and \$10,337 per month for the customer with a 8 month commitment.
1.27		Monthly Rate - Remote		13-24 months	\$7,518			13-24 months	\$8,119				

Monthly Unit Rates

RU Ref No.	Resource Unit	Unit of Measure	Resource Type	Y1 (Stub)-Y4				Optional Y5-Y8				Customer Owned HW/SW discount	Pricing Narrative
				Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit	Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit		
<b>1. Device Management &amp; Security Monitoring</b>													
1.28	Customer Site Device Management Rate Card	Hourly Rate-Onsite	Security Engineer Tier 1	1-80 hours	\$171	81+ hours	\$162	80	\$179	81+ hours	\$163	Example 1: In a given month total quantity ordered by a customer for RU Ref No. 1.28 equal 50 hours. The charge for that month would be 50 * \$171 = \$8,550  Example 2: In a given month total quantity ordered by two customers for RU Ref No. 1.28 equal 120 hours. Customer A has 9 hours and Customer B has 111 hours. The charge for that month would be 9 * \$171 = \$1,539 for Customer A and 111 * \$162 = \$17,982 for Customer B.	
1.29		Hourly Rate-Onsite	Security Engineer Tier 2	1-80 hours	\$188	81+ hours	\$179	80	\$208	81+ hours	\$192		
1.30		Hourly Rate-Onsite	Security Engineer Tier 3	1-80 hours	\$215	81+ hours	\$207	80	\$238	81+ hours	\$221		
1.31		Hourly Rate-Onsite (Non Dash)	Security Engineer Tier 1	1-80 hours	\$181	81+ hours	\$172	80	\$189	81+ hours	\$173		
1.32		Hourly Rate-Onsite (Non Dash)	Security Engineer Tier 2	1-80 hours	\$198	81+ hours	\$189	80	\$218	81+ hours	\$202		
1.33		Hourly Rate-Onsite (Non Dash)	Security Engineer Tier 3	1-80 hours	\$225	81+ hours	\$217	80	\$238	81+ hours	\$221		
1.34		Monthly Rate-Onsite	Security Engineer Tier 1	1 Month	\$19,038			1 Month	\$20,415			Example 1: In a given month total quantity ordered for RU Ref No. 1.34 equal 3 Engineers. The charge for that month would be 3 * \$19,038 = \$57,114	
1.35		Monthly Rate-Onsite	Security Engineer Tier 2	1 Month	\$22,419			1 Month	\$24,048				
1.36		Monthly Rate-Onsite	Security Engineer Tier 3	1 Month	\$25,926			1 Month	\$27,680				
1.37		Monthly Rate-Onsite (Non Dash)	Security Engineer Tier 1	1 Month	\$21,576			1 Month	\$23,137				
1.38	Monthly Rate-Onsite (Non Dash)	Security Engineer Tier 2	1 Month	\$25,409			1 Month	\$27,254					
1.39	Monthly Rate-Onsite (Non Dash)	Security Engineer Tier 3	1 Month	\$29,383			1 Month	\$31,370					
1.40	Truck Roll (DASH)	Daily Rate		Per Site	\$1,200			Per Site	\$1,200		Example 1: In a given month total quantity ordered for RU Ref No. 1.40 equal 1 truck toll. The roll takes 1 day/trip, charge would be 1,200 * 1 = \$1,200.  Example 2: In a given month total quantity ordered for RU Ref No. 1.40 equal 2 truck toll. The roll takes 2 day/trip, charge would be 1,200 * 2 = \$2,400.		
1.41	Truck Roll (NON-DASH)	Daily Rate		Per Site	\$2,400			Per Site	\$2,400				
<b>2. Incident Response</b>													
2.01	Security Incident Management	Hourly Rate-Onsite	Incident Engineer	1-80 hours	\$208	81+ hours	\$198	1-80 hours	\$225	81+ hours	\$215	Example 1: In a given month total quantity ordered for RU Ref No. 2.01 equal 50 hours. The charge for that month would be 50 * \$208 = \$10,400  Example 2: In a given month total quantity ordered by two customers-for-RU Ref No. 2.01 equal 120 hours. Customer A has 9 hours and Customer B has 111 hours. The charge for that month would be 9 * \$208 = \$1,872 for Customer A and 111 * \$198 = \$21,978 for Customer B	
2.02		Hourly Rate-Remote	Incident Engineer	1-80 hours	\$188	81+ hours	\$179	1-80 hours	\$203	81+ hours	\$193		
2.03	Digital Forensic Investigation	Hourly Rate-Onsite	Digital Analyst	1-40 hours	\$208	41+ hours	\$198	1-40 hours	\$225	41+ hours	\$215		
2.04		Hourly Rate-Remote	Digital Analyst	1-40 hours	\$188	41+ hours	\$179	1-40 hours	\$203	41+ hours	\$193		
2.05	Response Preparedness	Hourly Rate-Onsite	Incident Engineer	1-40 hours	\$208	41+ hours	\$198	1-40 hours	\$225	41+ hours	\$215		
2.06		Hourly Rate-Remote	Incident Engineer	1-40 hours	\$188	41+ hours	\$179	1-40 hours	\$203	41+ hours	\$193		
<b>3. Risk and Compliance</b>													
3.01	Penetration Testing Black Box (Remote)- External	Per engagement		2 weeks, 1-100 Live IPs	\$8,000			2 weeks, 1-100 Live IPs	\$8,640			Example 1: In a given month total quantity ordered for RU Ref No. 3.01-3.08 equals 1 external assessment with less than 100 Live IPs. Total charge would be \$8,000 * 1 = \$8,000.  Example 2: In a given month total quantity ordered for RU Ref No. 3.01-3.08 equals 1 external assessment with less than 100 Live IPs for Customer A and 1 external assessment with 1200 Live IPs for Customer B. Total charge would be \$8,000 * 1 = \$8,000 for Customer A and \$27,815 * 1 = \$27,815 for Customer B.	
3.02	Penetration Testing Black Box (Remote)-External	Per engagement		4 weeks, 101 - 1000 Live IPs	\$15,065			4 weeks, 101 - 1000 Live IPs	\$16,270				
3.03	Penetration Testing Black Box (Remote)-External	Per engagement		6 weeks, 1001 - 5000 Live Ips	\$27,815			6 weeks, 1001 - 5000 Live Ips	\$30,040				
3.04	Penetration Testing Black Box (Remote)-External	Per engagement		8 weeks, 5001 + Live Ips	\$43,065			8 weeks, 5001 + Live Ips	\$46,510				
3.05	Penetration Testing White Box (Remote)- Internal	Per engagement		2 weeks, 1-100 Live IPs	\$9,000			2 weeks, 1-100 Live IPs	\$9,720				
3.06	Penetration Testing White Box (Remote)- Internal	Per engagement		4 weeks, 101 - 1000 Live IPs	\$16,065			4 weeks, 101 - 1000 Live IPs	\$17,350				
3.07	Penetration Testing White Box (Remote)- Internal	Per engagement		6 weeks, 1001 - 5000 Live Ips	\$28,815			6 weeks, 1001 - 5000 Live Ips	\$31,120				
3.08	Penetration Testing White Box (Remote)- Internal	Per engagement		8 weeks, 5001 + Live Ips	\$44,065			8 weeks, 5001 + Live Ips	\$47,590				

Monthly Unit Rates

RU Ref No.	Resource Unit	Unit of Measure	Resource Type	Y1 (Stub)-Y4				Optional Y5-Y8				Customer Owned HW/SW discount	Pricing Narrative
				Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit	Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit		
3.09	Texas Cybersecurity Framework Assessment	Per Assessment		1	\$37,446			1	\$44,054				Example 1: In a given month total quantity ordered for RU Ref No. 3.09 equal 3 assessment installed. The charge for the assessments would be 3 * \$37,446 = \$112,338
3.10	Security Risk Assessment Rate Card	Hourly Rate-Onsite	Senior Engineer	1-80 hours	\$208	81+ hours	\$198	1-80 hours	\$225	81+ hours	\$215		Example 1: In a given month total quantity ordered by a single customer for RU Ref No. 3.10 equal 50 remote hours. The charge for that month would be 50 * \$208 = \$10,450  Example 2: In a given month total quantity ordered by two customers for RU Ref No. 3.14 equal 120 remote hours. Customer A has 9 hours and Customer B has 111 hours. The charge for that month would be 9 * \$208 = \$1,872 for Customer A and 111 * \$198 = \$21,978 for Customer B
3.11		Hourly Rate-Remote	Senior Engineer	1-80 hours	\$188	81+ hours	\$178	1-80 hours	\$203	81+ hours	\$193		
3.12		Hourly Rate-Onsite	Junior Engineer	1-80 hours	\$195	81+ hours	\$185	1-80 hours	\$211	81+ hours	\$201		
3.13		Hourly Rate-Remote	Junior Engineer	1-80 hours	\$175	81+ hours	\$165	1-80 hours	\$189	81+ hours	\$179		
3.14		Hourly Rate-Onsite	Quality Assurance	1-80 hours	\$208	81+ hours	\$198	1-80 hours	\$225	81+ hours	\$215		
3.15		Hourly Rate-Remote	Quality Assurance	1-80 hours	\$188	81+ hours	\$178	1-80 hours	\$203	81+ hours	\$193		
3.16		Hourly Rate-Onsite	Manager	1-80 hours	\$216	81+ hours	\$206	1-80 hours	\$211	81+ hours	\$201		
3.17	Hourly Rate-Remote	Manager	1-80 hours	\$196	81+ hours	\$186	1-80 hours	\$189	81+ hours	\$179			
3.18	Cloud Compliance	Flat rate per Cloud Vendor Assessment		1	\$33,404			1	\$39,312			Example 1: In a given month a single customer orders 1 assessment for RU Ref No. 3.18. The charge would be \$33,404  Example 2: In a given month two customers orders 2 assessment for RU Ref No. 3.18. The charge would be \$33,404 * 2 = 66,808	
3.19	Vulnerability Scanning - Internal/External	Per Live IP (12 Month Minimum Term)		1-500	\$2.09			1-500	\$2.26				Example 1: In a given month total quantity ordered for RU Ref No. 3.19 - 3.22 equal 50 IPs, all are external scans. The charge would be 50 * 2.09 = \$105.50  Example 2: In a given month total quantity ordered for RU Ref No. 3.19 - 3.22 equal 750 IPs, all are external scans. The charge would be 750 * 1.92 = \$1,440  Example 3: In a given month total quantity ordered for RU Ref No. 3.19 - 3.22 equal 1500 IPs, all are external scans. The charge would be 1500 * 1.75 = \$2,625  Example 4: In a given month total quantity ordered for RU Ref No. 3.19 - 3.22 equal 50 IPs, all are internal scans. The charge would be (50 * 2.09) + 250 = \$355.50
3.20				501-1000	\$1.92			501-1000	\$2.07				
3.21				1001-5000	\$1.75			1001-5000	\$1.89				
3.22				5000 +	\$1.67			5000 +	\$1.80				
3.23				Vulnerability Scanning - Internal	Base - Hardware/ Software Subscription (12 Month Minimum Term)		Hardware Subscription Per site per month	\$250			Hardware Subscription Per site per month		
3.24	Base - VM Ware/ Software Subscription (12 Month Minimum Term)		VM Ware Subscription Per site per month		\$125			VM Ware Subscription Per site per month	\$135				

Monthly Unit Rates

RU Ref No.	Resource Unit	Unit of Measure	Resource Type	Y1 (Stub)-Y4				Optional Y5-Y8				Customer Owned HW/SW discount	Pricing Narrative
				Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit	Minimum Volume Unit Range	Minimum Volume Cost per Unit	Volume Discounts Range	Volume Discount Cost per Unit		
3.25	Vulnerability Scanning - External	Per Live IP (One time scan)		1-500	\$3.50			1-500	\$3.90				<p>Example 1: In a given month total quantity ordered for RU Ref No. 3.25 - 3.28 equal 50 IPs, all are external scans. The charge would be <math>50 * 3.61 = \\$180.5</math></p> <p>Example 2: In a given month total quantity ordered for RU Ref No. 3.25 - 3.28 equal 750 IPs, all are external scans. The charge would be <math>750 * 3.36 = \\$2,520</math></p> <p>Example 3: In a given month total quantity ordered for RU Ref No. 3.25 - 3.28 equal 1500 IPs, all are external scans. The charge would be <math>1500 * 3.11 = \\$4,665</math></p>
3.26				501-1000	\$3.25			501-1000	\$3.63				
3.27				1001-5000	\$3.00			1001-5000	\$3.36				
3.28				5000 +	\$2.86			5000 +	\$3.09				
3.29	Web Application Vulnerability Scanning - (Remote/SP Site)	Per Web Application (12 Month Minimum Term)		1	\$42			1	\$45				<p>Example 1: In a given month total quantity ordered for RU Ref No. 3.29 equal 5 applications. The charge would be <math>5 * \\$42 = \\$210</math></p>
3.30	Web Application Vulnerability Scanning - (Remote/SP Site)	Per Web Application (One time scan)		1	\$155			1	\$181				<p>Example 1: In a given month total quantity ordered for RU Ref No. 3.30 equal 10 applications. The charge would be <math>5 * \\$167 = \\$835</math></p>
3.31	Web or Mobile Application Penetration Test	Per Application (One time scan)		1	\$9,000			1	\$9,270				<p>Example 1: In a given month total quantity ordered for RU Ref No. 3.31 equal 1 assessment. Total charge would be <math>\\$9000 * 1 = \\$9,000</math>.</p> <p>Example 2: In a given month total quantity ordered for RU Ref No. 3.31 equal 2 assessments. Total charge would be <math>\\$9000 * 2 = \\$18,000</math>.</p>
3.32	Elections Security Assessment	1 - 10,000 Reg. Voters; Per Assessment		1	\$16,872			1	\$18,221				<p>Example 1: In a given month a single customer orders an assessment for RU Ref No. 3.32. The charge would be \$16,872.</p>
3.33		10,001 - 100,000 Reg. Voters; Per Assessment		1	\$33,100			1	\$35,748				<p>Example 2: In a given month two customers each order an assessment for RU Ref No. 3.31. The charge would be <math>\\$16,872 * 2 = \\$33,744</math>.</p>
3.34		100,001 - 1,000,000 Reg. Voters; Per Assessment		1	\$47,552			1	\$51,356				
3.35		>1,000,000 Reg. Voters; Per Assessment		1	\$61,920			1	\$66,873				

Resource Unit	Resource Type	Minimum Yrs/ Exp	Role	Qualifications
Customer Site Device Management Support	Security Engineer Tier 1	1	Performs, as directed, device configuration, configuration changes, installs updates to device software (filters, profiles and patches), resolves known issues. Monitors device health and performance using pre-set or standard dashboards. Notifies customers of device issues. Escalates new or unknown issues to Tier2 and Tier3 Engineering, resolves issues as directed. Creates and executes limited ad-hoc queries or reports.	One (1) or more years of IT security experience with managing devices of similar type.
	Security Engineer Tier 2	3	Performs, device configuration, configuration changes, installs updates to device software (filters, profiles and patches), resolves known issues. Monitors device health and performance using pre-set or standard dashboards and reports. Creates new dashboards, queries and reports for use by support team and customers. Troubleshoots new or unknown issues escalated from Tier1 Engineers, directs Tier1 to resolve issue or escalate to Tier3. Supervises Tier 1 Engineers.	Three (3) or more years of IT security experience with managing devices of similar type.
	Security Engineer Tier 3	5	Reviews device configuration, configuration changes, installs updates to device software (filters, profiles and patches) to ensure completeness and accuracy. Defines repeatable methods for resolving issues-creates new 'known issue' resolutions. Monitors device health and performance using pre-set or standard dashboards and reports. Creates new dashboards, queries and reports for use by support team and customers. Troubleshoots new or unknown issues escalated from Tier1 or Tier2 Engineers, directs Tier1 and or Tier2 to resolve issue. Addressed issues requiring escalation to Vendor (e.g., RMA activities) escalate to Tier3. Supervises Tier 1 and Tier2 Engineers.	Five (5) or more years of IT security experience with managing devices of similar type.

<b>Resource Unit</b>	<b>Resource Type</b>	<b>Minimum Yrs/ Exp</b>	<b>Role</b>	<b>Qualifications</b>
Security Incident Management	<i>Incident Engineer</i>	5	<i>Reviews documentation (response preparedness plan, network documentation, current incident data and summaries - as available), interviews customer personnel, captures incident event and activity data, identifies potential issues, breach, or system compromise, makes recommendations for mitigation and remediation, participates on working sessions, conference and status calls, documents and presents final incident reports.</i>	<i>Five (5) or more years of security and/or incident response experience. Possesses a practitioner's understanding of the incident response process.</i>
Digital Forensic Investigation	<i>Digital Analyst</i>	5	<i>Configures digital forensic tools to capture forensic data from target platforms. Performs analysis of captured data to identify evidence of indicators of compromise (IoCs), identify data (source IP, Destination IP, Ports, Protocols) related to suspicious traffic, documents and presents forensic investigation reports.</i>	<i>Five (5) or more years of security and/or audit compliance experience. Possesses a practitioner's understanding of digital forensics requirements and process.</i>
Response Preparedness	<i>Incident Engineer</i>	5	<i>Performs documentation reviews, interviews customer personnel, captures preparedness support data, identifies response gaps, makes recommendations for addressing gaps, documents and presents finding and recommendation reports.</i>	<i>Five (5) or more years of security and/or incident response experience. Possesses a practitioner's understanding of the incident response process.</i>

	<b>Resource Type</b>	<b>Minimum Yrs/ Exp</b>	<b>Role</b>	<b>Qualifications</b>
Security Risk Assessment Rate Card	Senior Engineer	5	<i>Performs documentation reviews, interviews customer personnel, captures assessment support data, identifies compliance gaps, makes recommendations for addressing gaps, documents and presents finding and recommendation reports. Supervises Junior Engineer(s) in their work.</i>	<i>Five (5) or more years of security and/or audit compliance experience. Understanding of audit planning and leading an assessment engagement. Possesses a practitioner's understanding of the assessment's underlying requirements. Participation on similar assessment engagements (possibly as Junior Engineer).</i>
	Junior Engineer	2	<i>Performs, as directed, documentation reviews, interviews customer personnel, captures assessment support data, identifies potential compliance gaps, supports documentation of findings and recommendation reports.</i>	<i>Two (2) or more years of security and/or audit compliance experience. Understanding of audit plans and methods of plan execution.</i>
	Quality Assurance	5	<i>Reviews assessment reports and supporting data to ensure all findings are supportable. Ensures completeness of reports.</i>	<i>Five (5) or more years of security and/or audit compliance experience. Participation of similar assessment engagements (possibly as Senior or Junior Engineer).</i>
	Manager	5	<i>Reviews assessment reports and supporting data to ensure all findings are supportable. Evaluates the soundness of recommendations and completeness of reports.</i>	<i>Five (5) or more years of security and/or audit compliance experience. Understanding of audit planning and leading an assessment engagement. Possesses a practitioner's understanding of the assessment's underlying requirements. Participation on similar assessment engagements (possibly as Senior or Quality Assurance Engineer ).</i>

## DIR SOC Staffing Model

*Informational purposes only*

<b>Service</b>	<b>Transition</b>	<b>Y1 (Stub)</b>	<b>Y2</b>	<b>Y3</b>	<b>Y4</b>	<b>Optional Y5-Y8</b>
SOC Monitoring and Alerting Requirements (Customer Site & Customer HW/SW, 7am - 7 pm Onsite Monitoring)	-	4.00	4.00	4.00	4.00	4.00
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
<b>Total</b>	-	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>

## DIR SOC Transition Charges

See Expense Category definitions at bottom of table.

	Pre-Commencement				Year 1 (Stub) (FY18 = Nov 17-Aug 18)					Total
	Month 1	Month 2	Month 3	Total	1Q	2Q	3Q	4Q	Total Yr1	
<b>MSI</b>										
Labor	\$ 60,000	\$ 10,000	\$ 15,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,000
Hardware	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hires/M&Ls	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consulting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Communications	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Data management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Specify)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 60,000</b>	<b>\$ 10,000</b>	<b>\$ 15,000</b>	<b>\$ 85,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 85,000</b>

Category	Definition
Labor	Transition team labor costs not captured in categories below
Hardware	Equipment investments to support Services
Software	Includes system software access fees and data movement software
Travel	Transition team travel expenses
Hires/M&Ls	Hiring expenses and Moving and Living for transitioned employees.
Consulting	Third-party systems implementation and integration consulting, etc.
Communications	Transition bandwidth for data movement and cost to set-up communications
Data management	Data cleanse to ensure asset information integrity

## DIR SOC Transition Charges Milestones

Transition Charge Milestone	Service Component	Reference Document	Completion Criteria Ref	Completion Date	Amount (Paid in Year 1)
All Devices Reporting to SIEM	SC1 - SMDM	07. Exhibit 2.8.1	SIEM Monitored Device Report	Award + 15 days	\$20,000.00
All Devices under management	SC1 - SMDM	07. Exhibit 2.8.1	NPM Monitored Device Report Device Access Logs	Award + 21 days	\$40,000.00
Operational Procedures Outline	SC1 - SMDM	07. Exhibit 2.8.1	Gap Analysis report	Award + 30 days	\$10,000.00
Ticketing System Integration	SC1 - SMDM	07. Exhibit 2.8.1	Integration Test Report	Award + 90 days	\$15,000.00
<b>Total</b>					\$ 85,000