Before the
Federal Communications Commission
Washington, DC

In the Matter of	)	
	)	
Request for Review of the Decisions of	)	
the Universal Service Administrator	)	
and Waiver by	)	
	)	
Methuen Public Schools	)	File Nos. SLD-782102,
Methuen, MA	)	715333, and 646354
	)	
Schools and Libraries Universal Service	)	CC Docket No. 02-6
Support Mechanism		

REQUEST FOR REVIEW AND WAIVER

Methuen Public Schools ("School District"), by its representative, hereby requests that the Commission review and reverse the Decisions of the Administrator ("USAC") in the above-captioned matter[1] and instruct USAC to rescind its Demand Payment Letters[2] in connection with all of the funding in issue.[3] Alternatively, the School District requests that the Commission reach the same result by waiving its rules.

The issue here is simple and straightforward: whether cost was the primary factor in the School District's decision to select the service provider on the Massachusetts state contract that offered the School District the lowest price for the broadband and Internet services it needed.

USAC says that price was not the primary factor in the School District's decision and is demanding that the School District pay back $156,924.12, the three years worth of E-rate funding it received for those services. What the record clearly shows, however, is that the School District selected its least expensive service option. Since the Commission

[1] *See* Exhibit 1, Administrator's Decisions on Appeal dated November 5, 2013.
[2] *See* Exhibit 2, Demand Payment Letters dated November 5, 2013.
[3] FRN 1781349 (FY 2009), FRN 1947212 (FY 2010), and FRN 2118148 (FY 2011).

has held repeatedly that selecting the least expensive service option is exactly what the E-rate program encourages applicants to do, the School District could not possibly have violated any program rule. If the School District did violate a rule, then a waiver of that rule is clearly warranted.

Everyone can agree, we believe, that the rule that applies in circumstances like these is in desperate need of clarification. In our opinion, the rule that is supposed to govern when an applicant selects its least expensive service offering is being interpreted and applied in a manner that is different from and contrary to what the Commission originally intended.

Where the Price as Primary Factor Rule Applies

The rule that price must be the primary factor in the vendor selection process was intended, we submit, simply to make it clear to applicants that while they do not necessarily have to select the lowest-priced bidder, a decision not to select the lowest-priced bidder will not hold up unless price was the primary factor in making them. Those are the only circumstances where this rule applies.

Where the Price as Primary Factor Rule Does Not Apply

Conversely, it was never the Commission's intent, we submit, to insist that price be the primary factor in the vendor selection process when applicants pick the lowest-priced bidder. In those circumstances, whether or not price was the primary factor is irrelevant because the decisions speak loudly and clearly for themselves in terms of cost effectiveness and consistency with the program's competitive bidding policies.

By allowing USAC to penalize applicants for selecting low bidders after they have conducted perfectly legitimate competitive bidding processes and forcing them to spend valuable time and money asking the Commission for relief, which the Commission routinely grants, the Commission is giving USAC the green light to create anomalous outcomes across the country that are totally at odds with what that program is trying to accomplish in terms of lowering costs to applicants and the program as a whole and improving program efficiency via common sense administrative practices.

FACTS

The School District took advantage of the Commonwealth of Massachusetts' superior purchasing power by using a Massachusetts state contract to secure broadband and Internet services. As the state's contract was the result of a Form 470/RFP competitive bidding process, it had the added advantage of being E-rate-eligible.[4] Thus the School District did not have to post its own Form 470. Which means that this case involves no competitive bidding on the part of the applicant.

Initially the School District believed that there might be three service providers on the state contract capable of providing what the School District needed, but, ultimately, it turned out to be only two – Merrimack Education Center ("MECnet") and Verizon. After comparing their prices and other relevant factors, such as experience, support and complaint resolution,[5] the School District opted for MECnet, whose prices were lower than Verizon's by far. They were much lower in the two funding years that followed too.

The detailed price comparison tables below show the price differential for each of the three funding years in issue: MECnet's price was **$38,115.60 lower** than Verizon's for FY 2009, $**37,122.00 lower** for FY 2010, and **$46,601.20 lower** for FY 2011.

For FY 2009 and the two funding years that followed, the School District applied for E-rate discounts on broadband and Internet services from MECnet. USAC reviewed and funded them each time. Then, this past fall and out of the blue, USAC decided to question the School District's decision to select MECnet. During that review process, the School District provided USAC with documentation to show that, in all three funding years, it had selected the lowest-priced service provider on the Massachusetts state contract capable of providing the services it needed.

Ironically, price was not the primary factor or even a factor for USAC. USAC's single concern was a category in the evaluation matrix that the School District had prepared to compare MECnet with Verizon that was labeled "MA State Contract." The

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[4] *See* Form 470 No. 784100000634597 posted by Massachusetts Operational Services Division on December 7, 2007, resulting in state contract numbers ITT09 and ITT37.
[5] *See* Exhibit 3, Bid Evaluation Matrices FY 2009, FY 2010, and FY2011

School District had weighted it the highest, and that, USAC informed the School District, was a fatal mistake. The School District tried to explain to USAC that it honestly believed that it had crafted its comparison correctly, that it had used that label instead of "price" because it had been operating under the assumption that being on the Massachusetts state contract meant that the service provider was offering competitive, cost-effective pricing, which is what program rules required.

Much more important though, the School District emphasized and clearly demonstrated to USAC that in FY 2009, FY 2010 and again in FY 2011, MECnet was in fact its least expensive option for the broadband and Internet services it needed. The School District thought for sure that this salient fact would win the day, but unfortunately it did not.

In its Decisions on Appeal and the Demand Payment Letters that accompanied them, USAC explained to the School District that its hands were tied. Since "price" was not the highest weighted category in the School District's evaluation matrix, there was absolutely nothing it could do but deny the appeal and demand that the School District repay $156,924.12 within 30 days.[6] Reproduced below are the relevant portions of USAC's correspondence:

> According to our records, in the selection criteria matrix you provided with your appeal letter, price is not the primary factor in the service selection process; MA State Contract is the primary factor. FCC program rules require price to be the primary factor in the selection of the service provider. The FCC decision you provided as a potential precedent waives the FCC rules "price is primary" for the schools/applications listed in that decision. However, USAC is not authorized to waive FCC rules. Therefore, the applicability of this FCC decision to your situation is not considered in this appeal. You have not provided any information that shows that the USAC initial determination is incorrect. Consequently, the appeal is denied. (Administrator's Decisions on Appeal dated November 5, 2013.)

[6] *See* Exhibit 4, Letters of Appeal for FY 2009, FY 2010 and FY 2011 submitted by the School District to USAC.

You were previously sent a Notification of Commitment Adjustment Letter informing you of the need to recover funds for the Funding Request Number(s) (FRNs) listed on the Funding Commitment Adjustment Report (Report) attached to the Notification of Commitment Adjustment Letter. A copy of the Report is attached to this letter.

The balance of this debt is due within 30 days from the date of this letter. Failure to pay the debt within 30 days from the date of this letter could result in interest, late payment fees, administrative charges, and the implementation of the "Red Light Rule." The FCC's Red Light Rule requires USAC to dismiss pending FCC Form 471 applications if the entity responsible for paying the outstanding debt has not paid that debt, or otherwise made satisfactory arrangements to pay the debt within 30 days provided by USAC. For more information on the Red Light Rule, please see "Red Light Frequently Asked Questions (FAQs)" posted on the FCC website at http://www.fcc.gov/debt_collection/faq.html. (Demand Payment Letters dated November 5, 2013.)

MASSACHUSETTS STATE CONTRACT PRICE COMPARISON

MECnet versus Verizon

The tables on the next three pages contain a side by side comparison of the costs associated with MECnet and Verizon for FY 2009, 2010 and 2011. "Line" in the first column of each table refers to the line in the cost analysis that the School District included in its Letter of Appeal for that FRN. The page numbers in the columns below labeled "MECnet Cost Table" and "Verizon Cost Table" refer to the relevant pages in the respective contract price sheets., which are attached as Exhibit 5, where the prices for the services detailed on the corresponding rows appear.

Funding Year 2009 - FRN 1781349					
	ITEM	MECnet ANNUAL PRICE	MECnet Cost Table FY 2009 Page #	VERIZON ANNUAL PRICE	Verizon Cost Table FY 2009 Page #
Line 1	100 Mbps SES $1,785.00/mo Internet Service x 12 mos	$21,420.00	Pg. 5		
	100 Mbps SES $2,400.00/mo Internet Service x 12 mos			$28,800.00	Pg. 25
	Proposed one-time cost			$1,300.00	Pg. 25
Line 2	Bandwidth over SES Circuit 5Mbps $160.00 Mbps x 5 = $800.00 x 12 mos	$9,600.00	Pg. 3		
	Bandwidth over SES Circuit 5Mbps $1582.80/mo x 12 mos			$18,993.60	Pg. 4
Line 3	Firewall Service $299.00 - 10% discount $269.00/mo x 12 mos	$3,228.00	Pgs. 5 and 6		
	Firewall Embedded/filtering-Medium $85.00/mo x 12 mos			$1,020.00	Pg. 23
	Proposed one-time cost			$250.00	Pg. 23
Line 4	10 Mbps SES $855.00/mo x 5 bldgs= $4275.00 Internet Service x 12 mos	$51,300.00	Pg. 5		
	10 Mbps SES $1200.00/mo x 5 bldgs = $6,000.00 Internet Service x 12 mos			$72,000.00	Pg. 25
	Proposed one-time cost			$1,300.00	Pg. 25
		MECnet		Verizon	
	Total Annual Cost:	$85,548.00		$123,663.60	
			Difference:	*$38,115.60*	

Funding Year 2010 - FRN 1947212					
	ITEM	MECnet ANNUAL PRICE	MECnet Cost Table FY 2010 Page #	VERIZON ANNUAL PRICE	Verizon Cost Table FY 2010 Page #
Line 1	100 Mbps SES $1,785.00/mo Internet Service x 12 mos	$21,420.00	Pg. 5		
	100 Mbps SES $2,400.00/mo Internet Service x 12 mos			$28,800.00	Pg. 25
	Proposed one-time cost			$1,300.00	Pg. 25
Line 2	Bandwidth over SES Circuit 10Mbps $1,400/mo x 12 mos	$16,800	Pg. 3		
	Bandwidth over SES Circuit 10Mbps $2,100/mo x 12 mos			$25,200	Pg. 4
Line 3	Firewall Service $299.00 - 10% discount $269.00/mo x 12 mos	$3,228.00	Pgs. 5 and 6		
	Firewall Embedded/filtering Medium $85.00/mo x 12 mos			$1,020.00	Pg. 23
	Proposed one-time cost			$250.00	Pg. 23
Line 4	10 Mbps SES $855.00/mo x 5 bldgs = $4,275.00 Internet Service x 12 mos	$51,300.00	Pg. 5		
	10 Mbps SES $1,200.00/mo x 5 bldgs= $6,000.00 Internet Service x 12 mos			$72,000.00	Pg. 25
	Proposed one-time cost			$1,300.00	Pg. 25
	Total Annual Cost:	MECnet $92,748.00		Verizon $129,870.00	
			Difference:	*$37,122.00*	

Funding Year 2011 - FRN 2118148					
	ITEM	MECnet ANNUAL PRICE	MECnet Cost Table FY 2011 Page #	VERIZON ANNUAL PRICE	Verizon Cost Table FY 2011 Page #
Line 1	100 Mbps SES $1,785.00/mo Internet Service x 12 mos	$21,420.00	Pg. 5		
	100 Mbps SES $2,400.00/mo Internet Service x 12 mos			$28,800.00	Pg. 25
	Proposed one-time cost			$1,300.00	Pg. 25
Line 2	Bandwidth over SES Circuit 20Mbps & leased firewall $2,369/mo x 12 mos	$28,428.00	Pg. 3		
	Bandwidth over SES Circuit 20Mbps $3,256.60			$39,079.20	Pg. 4
	Firewall service bundled with 20 Mbps	-	Pg. 6		
	Firewall embedded/filtering Medium $85.00/mo x 12 mos			$1,020.00	Pg. 23
	Proposed one-time cost			$250.00	Pg. 23
Line 3	10 Mbps SES $855.00/mo x 5 bldgs=$4,275.00 Internet Service x 12 mos	$51,300.00	Pgs. 5 and 6		
	10 Mbps SES $1,200.00/mo x 5 bldgs= $6,000.00 Internet Service x 12 mos			$72,000.00	Pg. 25
	Proposed one-time cost			$1,300.00	Pg. 25
Line 3A	10 Mbps SES with leased equipment $975.00/mo Add'l bldg. x 12 mos	$11,700.00	Pg. 6		
	10 Mbps SES $1,200.00/mo x 1 bldg x 12 mos			$14,400.00	Pg. 25
	Proposed one-time cost			$1,300.00	Pg. 25
		MECnet		Verizon	
	Total Annual Cost:	$112,848.00		$159,449.20	
			Difference:	*$46,601.20*	

DISCUSSION

I. WAIVING THE RULE THAT PRICE MUST BE THE PRIMARY FACTOR IN THE SERVICE PROVIDER SELECTION PROCESS IS WARRANTED BECAUSE THE SCHOOL DISTRICT SELECTED THE LOWEST-COST SERVICE PROVIDER.

The School District contends that its decisions in FY 2009 through FY 2011 to do business with MECnet for broadband and Internet services under the terms of an E-rate-eligible state contract did not violate any program rule. However, because USAC found that the School District violated the rule that price must be the primary factor in the service provider selection process, and because the Commission routinely waives that rule in cases like this one where the applicant selected its least costly option, we believe it makes sense to discuss the waiver issue first.

A. Waiver is in the Public Interest When an Applicant has Selected the Lowest-Cost Service Provider but Failed to Make Price the Primary Factor in its Service Provider Selection Process.

The Commission has made it perfectly clear that selecting the lowest-cost vendor is consistent with the policy goals underlying the E-rate program's competitive biding rules. That is why the Commission has repeatedly granted waivers to applicants that have selected the lowest-cost vendor, even though in their selection process they did not assign the most weight to price.[7] According to the Commission, granting waivers when these

[7] See, e.g., *Petition for Reconsideration by Fall River School District, Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6 (2012), para. 4, in which, coincidentally, Merrimack Education Center was also the lowest-priced provider ("In light of the documentation Fall River has provided demonstrating that it selected the lowest-cost provider, we find that the outcome of Fall River's vendor selection process is consistent with the policy goals underlyng the Commission's competitive bidding rules"), citing *Request for Review of the Decision of the Universal Service Administrator by Allendale County School District, et al, Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, 26 FCC Rcd 6109, 6115-17, paras. 10-12 (2011) and *Request for Review of the Decision of the Universal Service Administrator by Colorado Springs School District; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, 27 FCC Rcd 7022 (2012), noting that in those two cases "a waiver of the Commission's competitive bidding rules, which require applicants to use price as the primary factor in the vendor selection process was in the public interest when the applicant ultimately selected the least expensive bid."

kinds of circumstances arise is consistent with precedent.[8]

B. Because the School District Selected MECnet, its Lowest-Cost Option for Broadband and Internet Services, a Waiver Should be Granted.

USAC's conclusion that price was not most important factor in the School District's decision to do business with MECnet is open to at least some debate in our opinion because of how the School District interpreted that requirement. What is not debatable, however, is this: (1) MECnet was the least expensive option available to the School District under the E-rate-eligible, Massachusetts state contract, and (2) MECnet is the service provider that the School District selected.

The record shows that MECnet's price was $38,115.60 lower than Verizon's for FY 2009, $37,122.00 lower for FY 2010, and $46,601.20 lower for FY 2011.

Therefore, assuming for purposes of this discussion that the School District violated a competitive bidding rule, the Commission should waive that rule, because a long line of precedent supports that result in these circumstances. [9]

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[8] *Ibid; Request for Review of Decision of the Universal Service Administrator by Midlothian School District 143; Schools and Libraries Universal Service Support Mechanism,* CC Docket No. 02-6 (2013)(*Midlothian Order*); *Request for Review of Decisions of the Universal Service Administrator by Euclid City School District, et al, Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6 (2012) and more.

[9] The Commission may exercise its discretion to waive a rule where the particular facts make strict compliance inconsistent with the public interest. *Northeast Cellular Telephone Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990). In its *Midlothian Order at n.1*, the Commision cited *Request for Review of Decision of the Universal Service Administrator by Shannon County School District; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6 Order, 27 FCC Rcd 14169, 14170-71, para. 2 (2012) for the proposition that "a waiver of the Commission's rules, which require applicants to use price as the primary factor in th vendor selection process is in the public interest when the applicant ultimately selected the least expensive bid.

II. THE SCHOOL DISTRICT DID NOT VIOLATE ANY PROGRAM RULE BECAUSE SECTIONS 54.503 AND 54.511 DO NOT REQUIRE PRICE TO BE THE PRIMARY FACTOR IN THE SERVICE PROVIDER SELECTION PROCESS, IF THE APPLICANT HAS SELECTED ITS LEAST EXPENSIVE SERVICE OPTION.

A. The Current Interpretation of Sections 54.503 and 54.511 Does Not Make Sense in Terms of the Policy Objective Behind Them and Loses Sight of Why the Commission Adopted Them in the First Place.

In our opinion, the rule that price must be the primary factor in an applicant's vendor selection process is being interpreted and applied too broadly and in a manner that is different from and contrary to what the Commission originally intended. The Commission did NOT intend the rule that price must be the primary factor in the E-rate vendor selection process to apply when applicants picked the lowest bidder.

This particular rule, which actually qualifies a much broader rule, was intended, we submit, simply to make it clear to applicants that the rules do not require them to select the lowest-priced bidder, but that price must be the primary factor in their decision, if they decide to accept anything but their least expensive service option.

In relevant part, Sections 54.503 and 54.511 of the Commission's rules require as follows:

> 54.503
> (vii) All bids submitted for eligible products and services will be carefully considered, with price being the primary factor, and the bid selected will be for the most cost-effective service offering consistent with §54.511.
>
> 54.511
> (a) Selecting a provider of eligible services. In selecting a provider of eligible services, schools, libraries, library consortia, and consortia including any of those entities shall carefully consider all bids submitted and must select the most cost-effective service offering. In determining which service offering is the most cost-effective, entities may consider relevant factors other than the pre-discount prices submitted by providers, but price should be the primary factor considered.

These two sections of the rules must be read together. Together, their purpose is clear: to put applicants on notice that in every instance they "must select the most cost-effective service offering." The primary policy purpose behind the rule, of course, is to keep the cost of E-rate purchasing as low as possible. That is why the Commission, in the numerous "waiver" cases that we have already discussed, always makes it a point to mention that selecting the least expensive service option is consistent with the program's policy goals and objectives.

The second sentence in Section 54.511 is there to flesh out the general rule by making it clear that the least expensive service offering is automatically going to pass muster as the "most cost-effective" one, but that any applicant that decides not to choose its least expensive option may still prove that it selected its "most cost-effective service offering," <u>if</u> it can satisfy another very specific administrative requirement. <u>This is where the requirement that price must be the primary factor in an applicant's vendor selection process comes into play, and, significantly, it is the only place where it comes into play.</u>

As both a practical and legal matter, the expanded definition of "most cost-effective service offering," which the second sentence in Section 54.511 provides, gives any applicant with an arguably good reason not to select the lowest bidder the ability to make that kind of decision if, in fact, that is what it decides to do. Which means that if an applicant took into account numerous factors during the vendor selection process, and assigned the most weight to price, it may select a service offering that is not the least expensive.

The Commission, we submit, never intended the requirement that price be the primary factor in the vendor selection process to be an across-the-board requirement that applied to every solicitation. There would have been no reason to do that. When an applicant selects its least expensive option, that decision is cost-effective on its face and consistent with the program's competitive bidding policies, and that is exactly what the Commission wants to see happen. As a policy matter therefore, and in the absence of any evidence of anti-competitive conduct, we have to wonder what difference does it make to the Commission what other factors an applicant might consider, so long as it selects its

least expensive option. It follows, therefore, that if the applicant winds up selecting its least expensive option, and there is no evidence of anti-competitive conduct, it is totally irrelevant whether or not price was the primary factor in that applicant's decision.

When the Commission was drafting these regulations, it knew that schools and libraries would have to have the flexibility to choose vendors that might not always be the cheapest, which meant that it needed to create a path for that to occur, but in which price still would play an important role. If an applicant was not going to choose its least expensive option, obviously it was going to have to consider factors other than price. To accommodate this fact of commercial life, the Commission qualified the general rule by adding the requirement that price must be the primary factor in the applicant's decision. That, we submit, is only logical reason why the Commission would create that kind of additional requirement.

At some point and for whatever reason, it appears that Sections 54.503 and 54.511 of the rules began being misinterpreted and misapplied. This has resulted, unfortunately, in needless work, cost, anxiety and frustration for everyone involved in the E-rate application and review process, especially applicants, and worse, rather than furthering the program's goals and objectives, it has done just the opposite.

As originally envisioned and interpreted, the rule was actually very simple: applicants must select the most cost-effective offering, and once they have selected their least expensive option, they have succeeded in accomplishing exactly what the rule requires. That is what the School District did, and that is why the School District did not violate any program rule. And that is why USAC's decision should be reversed**.**

B. Selecting the Least Expensive Service Option Cannot Possibly Violate a Program Rule Because That is Exactly What the Commission's Competitive Bidding Policy Encourages Applicants to Do, Which Means that Sections 54.503 and 54.511 of the Rules Need to be Clarified Accordingly.

The Commission has stated multiple times multiple ways that an applicant's decision to select the least expensive service offering, even when price was not or may

not have been the primary factor in that decision, was consistent with the policy goals underlying the Commission's competitive bidding rules.[10] Why, therefore, when this is exactly the kind of contracting that the Commission encourages, does the Commission continue to allow USAC to punish applicants and clog up its already overburdened E-rate appeals docket by forcing applicants to defend their decisions to contract with service providers that offer them the lowest prices, simply because they decided to consider one or more factors besides price and gave them or might have given them more weight? It defies logic that this kind of economically prudent behavior, contracting with the low bidder, which the Commission actually encourages, could possibly amount to a violation of federal rules.

We find it difficult to believe that the Commission wants to continue to sanction an administrative process that does nothing but punish applicants for doing exactly what the E-rate program urges it to do – namely, contract for eligible services as inexpensively as possible whenever possible. This is why Sections 54.503 and 54.511 of the Commission's rules desperately need clarification.

C. When the Same Rules Can be Used to Take Funding Away From Applicants that Contract With Low Bidders, but Award Funding to Applicants that Make Price a Primary Factor in Their Vendor Selection Processes but a Relatively Insignificant Part of Their Processes Overall, it is Obvious that those Rules Need to be Clarified.

Under the rules as the Commission is interpreting them today, USAC will fund without question any applicant that selects a high or even the highest-priced bidder, just so long as that applicant can show that it made price the "primary" factor in its vendor selection process by weighting it as little as one point higher than every other factor. For example, if an applicant's vendor evaluation matrix shows ten points for price and nine points each for ten other factors, there is absolutely nothing wrong with that matrix under the rules, even though price represented such an incredibly small percentage of the decision-making process overall – *10 points for price versus a total of 90 points for everything else.*

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[10] *See Midlothian Order* at para. 2 and all of the cases cited, *supra*, at notes 6, 7 and 8.

Meanwhile, when an applicant like the School District uses an E-rate eligible state contract to secure the lowest possible price it can on broadband and Internet services, first, USAC begins a formal process to take back the School District's funding, and then, threatens to hold up its future funding and dismiss any pending applications unless it complies fully with its demand for payment within thirty days (*even though* the School District had 60 days to appeal). That is an extremely frightening and upsetting letter for any applicant to receive, [11] especially applicants like the School District who never should have received a letter like that in the first place.

CONCLUSION

The rules that led to this Request for Review and Waiver are in desperate need of review and repair. We urge the Commission to take this opportunity to do so.

Accordingly, for all of the above reasons, the School District respectfully requests that the Commission reverse USAC's decisions or waive its rules and instruct USAC to rescind its demand payment letters in connection with the FRNs in issue.

Respectfully submitted
on behalf of Methuen (Massachusetts) Public Schools

/s/ *Catherine Cruzan*

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December 20, 2013

cc: Jane M. Perreault
Methuen Public Schools

[11] The Demand Payment Letter warned, "The balance of this debt is due within 30 days from the date of this letter. Failure to pay the debt within 30 days from the date of this letter could result in interest, late payment fees, administrative charges, and implementation of the 'Red Light Rule.' The FCC's Red Light Rule requires USAC to dismiss pending FCC Form 471 applications if the entity responsible for paying the outstanding debt has not paid the debt, or otherwise made satisfactory arrangements to pay the debt within 30 days of the notice provided by USAC."

Exhibit 1

Administrator's Decisions on Appeal dated November 5, 2013

Universal Service Administrative Company
Schools & Libraries Division

2013 NOV 8 AM 8 45

Administrator's Decision on Appeal – Funding Year 2009-2010

November 05, 2013

Judith Scannell
Methuen Public Schools
90 Hampshire Street
Methuen, MA 01844

Re:	Applicant Name:	METHUEN PUBLIC SCHOOLS
	Billed Entity Number:	120388
	Form 471 Application Number:	646354
	Funding Request Number(s):	1781349
	Your Correspondence Dated:	September 27, 2013

After thorough review and investigation of all relevant facts, the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC) has made its decision in regard to your appeal of USAC's Funding Year 2009 Notification of Commitment Adjustment Letter for the Application Number indicated above. This letter explains the basis of USAC's decision. The date of this letter begins the 60 day time period for appealing this decision to the Federal Communications Commission (FCC). If your Letter of Appeal included more than one Application Number, please note that you will receive a separate letter for each application.

Funding Request Number(s): 1781349
Decision on Appeal: **Denied**
Explanation:

- According to our records, in the selection criteria matrix you provided with your appeal letter, price is not the primary factor in the service selection process; MA State Contract is the primary factor. FCC program rules require price to be the primary factor in selection of the service provider. The FCC decision you provided as a potential precedent waives the FCC's rule of "price is primary" for the schools/applications listed in that decision. However, USAC is not authorized to waive FCC rules. Therefore, the applicability of this FCC decision to your situation is not considered in this appeal. You have not provided any information that shows that the USAC initial determination is incorrect. Consequently, the appeal is denied.

FCC rules require that applicants select the most cost-effective products and/or services offering with price being the primary factor. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given more weight than any other single factor. See 47 C.F.R. sec. 54.511(a); also, Request for Review by Ysleta Independent School District, et al., Federal-State Joint Board on Universal Service, Changes to the Board of Directors of the National Exchange Carrier Association, Inc., CC Docket Nos. 96-45, 97-21, Order, 18 FCC Rcd 26407, 26429, FCC 03-313 para. 50 (rel. Dec. 8, 2003). Ineligible products and services may not be factored into the cost-effective evaluation. See Common Carrier Bureau Reiterates Services Eligible for Discounts to Schools and Libraries, CC Docket No. 96-45, Public Notice, 13 FCC Rcd 16570, DA 98-1110 (rel. Jun. 11, 1998).

Since your appeal was denied in full, dismissed or cancelled, you may file an appeal with the FCC. Your appeal must be postmarked within 60 days of the date on this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. You should refer to CC Docket No. 02-6 on the first page of your appeal to the FCC. If you are submitting your appeal via United States Postal Service, send to: FCC, Office of the Secretary, 445 12th Street SW, Washington, DC 20554. Further information and options for filing an appeal directly with the FCC can be found under the Reference Area/"Appeals" of the SLD section of the USAC website or by contacting the Client Service Bureau. We strongly recommend that you use the electronic filing options.

We thank you for your continued support, patience and cooperation during the appeal process.

Schools and Libraries Division
Universal Service Administrative Company

Universal Service Administrative Company
Schools & Libraries Division

2013 NOV 8 AM 8 45

Administrator's Decision on Appeal – Funding Year 2010-2011

November 05, 2013

Judith Scannell
Methuen Public Schools
10 Ditson Pl
Methuen, MA 01844

Re:	Applicant Name:	METHUEN PUBLIC SCHOOLS
	Billed Entity Number:	120388
	Form 471 Application Number:	715333
	Funding Request Number(s):	1947212
	Your Correspondence Dated:	August 27, 2013

After thorough review and investigation of all relevant facts, the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC) has made its decision in regard to your appeal of USAC's Funding Year 2010 Notification of Commitment Adjustment Letter for the Application Number indicated above. This letter explains the basis of USAC's decision. The date of this letter begins the 60 day time period for appealing this decision to the Federal Communications Commission (FCC). If your Letter of Appeal included more than one Application Number, please note that you will receive a separate letter for each application.

Funding Request Number(s):	1947212
Decision on Appeal:	**Denied**
Explanation:	

- Your appeal is denied: In the selection criteria matrix you provided with your appeal letter, price is not the primary factor in the service selection process; MA State Contract is the primary factor. The FCC decision you provided as a potential precedent waives the FCC's rule of "price is primary" for the schools/applications listed in that decision. However, USAC is not authorized to waive FCC rules. Therefore the applicability of this FCC decision to your situation is not considered in this appeal.

  FCC rules require that applicants select the most cost-effective products and/or services offering with price being the primary factor. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given more weight than any other single factor. See 47 C.F.R. sec. 54.511(a); also,

Request for Review by Ysleta Independent School District, et al., Federal-State Joint Board on Universal Service, Changes to the Board of Directors of the National Exchange Carrier Association, Inc., CC Docket Nos. 96-45, 97-21, Order, 18 FCC Rcd 26407, 26429, FCC 03-313 para. 50 (rel. Dec. 8, 2003). Ineligible products and services may not be factored into the cost-effective evaluation. See Common Carrier Bureau Reiterates Services Eligible for Discounts to Schools and Libraries, CC Docket No. 96-45, Public Notice, 13 FCC Rcd 16570, DA 98-1110 (rel. Jun. 11, 1998).

Since your appeal was denied in full, dismissed or cancelled, you may file an appeal with the FCC. Your appeal must be postmarked within 60 days of the date on this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. You should refer to CC Docket No. 02-6 on the first page of your appeal to the FCC. If you are submitting your appeal via United States Postal Service, send to: FCC, Office of the Secretary, 445 12th Street SW, Washington, DC 20554. Further information and options for filing an appeal directly with the FCC can be found under the Reference Area/"Appeals" of the SLD section of the USAC website or by contacting the Client Service Bureau. We strongly recommend that you use the electronic filing options.

We thank you for your continued support, patience and cooperation during the appeal process.

Schools and Libraries Division
Universal Service Administrative Company

USAC **Universal Service Administrative Company**
Schools & Libraries Division

2013 NOV 8 AM 8 15

Administrator's Decision on Appeal – Funding Year 2011-2012

November 05, 2013

* PDF file to funds for Learning

10-14-13

Judith Scannell
Methuen Public Schools
90 Hampshire Street
Methuen, MA 01844

Re:	Applicant Name:	METHUEN PUBLIC SCHOOLS
	Billed Entity Number:	120388
	Form 471 Application Number:	782102
	Funding Request Number(s):	2118148
	Your Correspondence Dated:	September 27, 2013

After thorough review and investigation of all relevant facts, the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC) has made its decision in regard to your appeal of USAC's Funding Year 2011 Funding Commitment Decision Letter for the Application Number indicated above. This letter explains the basis of USAC's decision. The date of this letter begins the 60 day time period for appealing this decision to the Federal Communications Commission (FCC). If your Letter of Appeal included more than one Application Number, please note that you will receive a separate letter for each application.

Funding Request Number(s):	2118148
Decision on Appeal:	**Denied**
Explanation:	

- Your appeal is denied: In the selection criteria matrix you provided with your appeal letter, price is not the primary factor in the service selection process; MA State Contract is the primary factor. FCC program rules require price to be the primary factor in selection of the service provider. The FCC decision you provided as a potential precedent waives the FCC's rule of "price is primary" for the schools/applications listed in that decision. However, USAC is not authorized to waive FCC rules. Therefore the applicability of this FCC decision to your situation is not considered in this appeal.

  FCC rules require that applicants select the most cost-effective products and/or services offering with price being the primary factor. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given

more weight than any other single factor. See 47 C.F.R. sec. 54.511(a); also, Request for Review by Ysleta Independent School District, et al., Federal-State Joint Board on Universal Service, Changes to the Board of Directors of the National Exchange Carrier Association, Inc., CC Docket Nos. 96-45, 97-21, Order, 18 FCC Rcd 26407, 26429, FCC 03-313 para. 50 (rel. Dec. 8, 2003). Ineligible products and services may not be factored into the cost-effective evaluation. See Common Carrier Bureau Reiterates Services Eligible for Discounts to Schools and Libraries, CC Docket No. 96-45, Public Notice, 13 FCC Rcd 16570, DA 98-1110 (rel. Jun. 11, 1998).

Since your appeal was denied in full, dismissed or cancelled, you may file an appeal with the FCC. Your appeal must be postmarked within 60 days of the date on this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. You should refer to CC Docket No. 02-6 on the first page of your appeal to the FCC. If you are submitting your appeal via United States Postal Service, send to: FCC, Office of the Secretary, 445 12th Street SW, Washington, DC 20554. Further information and options for filing an appeal directly with the FCC can be found under the Reference Area/"Appeals" of the SLD section of the USAC website or by contacting the Client Service Bureau. We strongly recommend that you use the electronic filing options.

We thank you for your continued support, patience and cooperation during the appeal process.

Schools and Libraries Division
Universal Service Administrative Company

Exhibit 2

Demand Payment Letters dated November 5, 2013

USAC
Universal Service Administrative Company

Schools and Libraries Division

Demand Payment Letter

(Funding Year 2009: July 1, 2009 - June 30, 2010)

November 5, 2013

Jane M. Perreault
METHUEN PUBLIC SCHOOLS
10 DITSON PL
METHUEN, MA 01844

Re:	Form 471 Application Number:	646354
	Funding Year:	2009
	Applicant's Form Identifier:	471yr12
	Billed Entity Number:	120388
	FCC Registration Number:	0011759024
	SPIN:	143004624
	Service Provider Name:	Merrimack Education Center
	Service Provider Contact Person:	Joseph DiFonzo
	Payment Due By:	12/5/2013

You were previously sent a Notification of Commitment Adjustment Letter informing you of the need to recover funds for the Funding Request Number(s) (FRNs) listed on the Funding Commitment Adjustment Report (Report) attached to the Notification of Commitment Adjustment Letter. A copy of that Report is attached to this letter.

The balance of this debt is due within 30 days from the date of this letter. Failure to pay the debt within 30 days from the date of this letter could result in interest, late payment fees, administrative charges, and implementation of the "Red Light Rule." The FCC's Red Light Rule requires USAC to dismiss pending FCC Form 471 applications if the entity responsible for paying the outstanding debt has not paid the debt, or otherwise made satisfactory arrangements to pay the debt within 30 days of the notice provided by USAC. For more information on the Red Light Rule, please see "Red Light Frequently Asked Questions (FAQs)" posted on the FCC website at http://www.fcc.gov/debt_collection/faq.html.

If the Universal Service Administrative Company (USAC) has determined that both the applicant and the service provider are responsible for a Program rule violation, then, pursuant to the Order on Reconsideration and Fourth Report and Order (FCC 04-181), USAC will seek recovery of the improperly disbursed amount from BOTH parties and will continue to seek recovery until either or both parties have fully paid the debt. If USAC has determined that both the applicant and the service provider are responsible for a Program rule violation, this was indicated in the Funding Commitment Adjustment Explanation on the Funding Commitment Adjustment Report.

If USAC is attempting to collect all or part of the debt from both the applicant and the servic provider, then you should work with your service provider to determine who will be repaying the debt to avoid duplicate payment. Please note, however, that the debt is the responsibility of both the applicant and service provider. Therefore, you are responsible for ensuring that the debt is paid in a timely manner.

Please remit payment for the full "Funds to be Recovered from Applicant" amount shown in the Report. To ensure that your payment is properly credited, please include a copy of the Report with your check. Make your check payable to the Universal Service Administrative Company (USAC).

If sending payment by U. S. Postal Service or major courier service (e.g. Airborne, FedEx, and UPS) please send check payments to:

Universal Service Administrative Company
Lock Box 105056
1075 Loop Road
Atlanta, GA 30337
Phone: 404-209-6377

Local messenger service should deliver to the Lockbox Receiving Window at the above address.

Payment is due within 30 days from the date of this letter.

Complete Program information is posted to the SLD section of the USAC website at www.usac.org/sl/. You may also contact the SLD Client Service Bureau by email using the "Submit a Question" link on the SLD website, by fax at 1-888-276-8736 or by phone at 1-888-203-8100.

Universal Service Administrative Company
Schools and Libraries Division

cc: Joseph DiFonzo
Merrimack Education Center

Funding Commitment Adjustment Report
Form 471 Application Number: 646354

Funding Request Number:	1781349
Services Ordered:	INTERNET ACCESS
SPIN:	143004624
Service Provider Name:	Merrimack Education Center
Contract Number:	ITT37
Billing Account Number:	
Site Identifier:	120388
Original Funding Commitment:	$50,083.92
Commitment Adjustment Amount:	$50,083.92
Adjusted Funding Commitment:	$0.00
Funds Disbursed to Date:	$46,390.32
Funds to be Recovered from Applicant:	$46,390.32

Funding Commitment Adjustment Explanation:

After a thorough investigation, it has been determined that this funding commitment must be rescinded in full. During a review, it was determined that the price of eligible products and services was not a factor in the vendor selection process. FCC rules require that applicants select the most cost-effective product and/or service offering with price being the primary factor in the vendor selection process. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given more weight than any other single factor. Ineligible products and services may not be factored into the cost-effective evaluation. Since price was not the primary factor in the vendor selection process, the commitment has been rescinded in full and USAC will seek recovery of any improperly disbursed funds from the applicant.

PLEASE SEND A COPY OF THIS PAGE WITH YOUR
CHECK TO ENSURE TIMELY PROCESSING

USAC
Universal Service Administrative Company

Schools and Libraries Division

Demand Payment Letter

(Funding Year 2010: July 1, 2010 - June 30, 2011)

November 5, 2013

- 1st appeal denied
- appealing to FCC

Jane M. Perreault
METHUEN PUBLIC SCHOOLS
10 DITSON PL
METHUEN, MA 01844

Re:	Form 471 Application Number:	715333
	Funding Year:	2010
	Applicant's Form Identifier:	471YR13
	Billed Entity Number:	120388
	FCC Registration Number:	0011759024
	SPIN:	143004624
	Service Provider Name:	Merrimack Education Center
	Service Provider Contact Person:	Joseph DiFonzo
	Payment Due By:	12/5/2013

You were previously sent a Notification of Commitment Adjustment Letter informing you of the need to recover funds for the Funding Request Number(s) (FRNs) listed on the Funding Commitment Adjustment Report (Report) attached to the Notification of Commitment Adjustment Letter. A copy of that Report is attached to this letter.

The balance of this debt is due within 30 days from the date of this letter. Failure to pay the debt within 30 days from the date of this letter could result in interest, late payment fees, administrative charges, and implementation of the "Red Light Rule." The FCC's Red Light Rule requires USAC to dismiss pending FCC Form 471 applications if the entity responsible for paying the outstanding debt has not paid the debt, or otherwise made satisfactory arrangements to pay the debt within 30 days of the notice provided by USAC. For more information on the Red Light Rule, please see "Red Light Frequently Asked Questions (FAQs)" posted on the FCC website at http://www.fcc.gov/debt_collection/faq.html.

If the Universal Service Administrative Company (USAC) has determined that both the applicant and the service provider are responsible for a Program rule violation, then, pursuant to the Order on Reconsideration and Fourth Report and Order (FCC 04-181), USAC will seek recovery of the improperly disbursed amount from BOTH parties and will continue to seek recovery until either or both parties have fully paid the debt. If USAC has determined that both the applicant and the service provider are responsible for a Program rule violation, this was indicated in the Funding Commitment Adjustment Explanation on the Funding Commitment Adjustment Report.

If USAC is attempting to collect all or part of the debt from both the applicant and the servic provider, then you should work with your service provider to determine who will be repaying the debt to avoid duplicate payment. Please note, however, that the debt is the responsibility of both the applicant and service provider. Therefore, you are responsible for ensuring that the debt is paid in a timely manner.

Please remit payment for the full "Funds to be Recovered from Applicant" amount shown in the Report. To ensure that your payment is properly credited, please include a copy of the Report with your check. Make your check payable to the Universal Service Administrative Company (USAC).

If sending payment by U. S. Postal Service or major courier service (e.g. Airborne, FedEx, and UPS) please send check payments to:

Universal Service Administrative Company
Lock Box 105056
1075 Loop Road
Atlanta, GA 30337
Phone: 404-209-6377

Local messenger service should deliver to the Lockbox Receiving Window at the above address.

Payment is due within 30 days from the date of this letter.

Complete Program information is posted to the SLD section of the USAC website at www.usac.org/sl/. You may also contact the SLD Client Service Bureau by email using the "Submit a Question" link on the SLD website, by fax at 1-888-276-8736 or by phone at 1-888-203-8100.

Universal Service Administrative Company
Schools and Libraries Division

cc: Joseph DiFonzo
Merrimack Education Center

Funding Commitment Adjustment Report
Form 471 Application Number: 715333

Funding Request Number:	1947212
Services Ordered:	INTERNET ACCESS
SPIN:	143004624
Service Provider Name:	Merrimack Education Center
Contract Number:	N/A
Billing Account Number:	N/A
Site Identifier:	120388
Original Funding Commitment:	$57,448.80
Commitment Adjustment Amount:	$57,448.80
Adjusted Funding Commitment:	$0.00
Funds Disbursed to Date:	$54,109.80
Funds to be Recovered from Applicant:	$54,109.80

Funding Commitment Adjustment Explanation:

After a thorough investigation, it has been determined that this funding commitment must be rescinded in full. During a review, it was determined that the price of eligible products and services was not a factor in the vendor selection process. FCC rules require that applicants select the most cost-effective product and/or service offering with price being the primary factor in the vendor selection process. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given more weight than any other single factor. Ineligible products and services may not be factored into the cost-effective evaluation. Since price was not the primary factor in the vendor selection process, the commitment has been rescinded in full and USAC will seek recovery of any improperly disbursed funds from the applicant.

PLEASE SEND A COPY OF THIS PAGE WITH YOUR
CHECK TO ENSURE TIMELY PROCESSING

Exhibit 3

Bid Evaluation Matrices FY 2009, FY 2010, and FY2011

E-rate Year 2009

FY10

BID EVALUATION MATRIC

Attachment A

No.	Factors	Total Points Available	Vendor #1 **Merrimack Education Center**	Vendor #2 **Verizon**	
1	MA State Contract	30	30	30	
2	Experience	10	10	10	
3	Availability	10	10	5	Hard to reach service
5	Support	15	10	5	Hard to reach service
6	Complaint Resoluti	15	15	7	Hard to reach service
7	Reputation	10	15	10	Good references
8	Good/Services	10	10	0	not bundled
	Total Points	100	100	67	

Attachment A

BID EVALUATION MATRIC

FY11

No.	Factors	Total Points Available	Vendor #1 **Merrimack Education Center**	Vendor #2 **Verizon**	
1	MA State Contract	30	30	30	
2	Experience	10	10	10	
3	Availability	10	10	5	Hard to reach service
5	Support	15	10	5	Hard to reach service
6	Complaint Resoluti	15	10	7	Hard to reach service
7	Reputation	10	15	5	
8	Good/Services	10	10	0	not bundled
	Total Points	100	95	62	

**10 due to one complaint slow to respond

Attachment A. E-rate Year 11

BID EVALUATION MATRIC

FY12 No.	Factors	Total Points Available	Vendor #1 **Merrimack Education Center**	Vendor #2 **Verizon**	**Integrity/by Celt ****	
1	MA State Contract Approved Vend	30	30	30	30	
2	Experience	10	10	10	5	
3	Availability	10	10	5	0	Hard to reach service
5	Support	15	10	5	0	Hard to reach service
6	Complaint Resolution	15	15	7	N/A	Hard to reach service
7	Reputation	10	15	5	N/A	
8	Good/Services	10	10	0	**	not bundled
	Total Points	100	100	62	0	

** After meeting, Celt staff on site, no return response-unable to reach

Exhibit 4

Letters of Appeal for FY 2009, FY 2010 and FY 2011 submitted by the School District to USAC.

September 27, 2013

Letter of Appeal
Schools and Libraries Division-Correspondence unit
100 S. Jefferson Rd.
PO Box 902
Whippany, NJ. 07981

Re: Methuen Public Schools
Quinn Building
90 Hampshire St.
Methuen, MA 01844
Att: Jane M. Perreault
Tel#: 978-722-6008
Fax#: 978-722-6019
jeperreault@methuen.k12.ma.us

To Whom It May Concern:
This letter is an appeal of a Notification of Commitment Adjustment letter dated August 5, 2013.

Form 471 Application Number:	646354
Funding Year:	2009
Applicant's Form Identifier:	471yr12
Billed Entity Number:	120388
FCC Registration Number:	0011759024
Spin:	143004624
Service Provider:	Merrimack Education Center
Service Provider Contact Person:	Joseph DiFonzo
FRN:	1781349
Service Ordered:	Internet Access
Original Funding Commitment:	$50,083.92
Commitment Adjustment Amount:	$50,083.92
Funds Disbursed to Date:	$46,390.32

"After a thorough investigation, it has been determined that this funding commitment must be rescinded in full. During a review, it was determined that the price of eligible products and services was not the primary factor in the vendor selection process. FCC rules require that applicants select the most cost-effective product and/or service offering with price being the primary factor in the vendor selection process. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given more weight than any other single factor. Ineligible products and services may not be factored into the cost-effective evaluation. Since price was not the primary factor in the vendor selection process, the commitment has been rescinded in full and USAC will seek recovery of any improperly disbursed funds from the applicant."

Methuen Public Schools response:
Methuen Public Schools used and continues to use the Massachusetts State contract process in accordance with the following guideline posted on the USAC Website:

"The applicant is required to follow the applicable provisions of the state master contract and state and local procurement laws. No separate bidding documents or contracts are required by the applicant citing the state's FCC Form 470, other than what is required by the state master contract and the state and local procurement laws. The signed state master contract between the state and the service provider meets the FCC signed contract requirement."

The enclosed Matrix(Attachment A) for FRN# 1781349 will show pricing of eligible services is the priority/primary factor for the Methuen Public Schools in the vendor selection process.
Refer to Matrix line one: Pricing/MA State Contract
*** See Attachment A*

Refer to: ITT09-ITT37

MECNet

100 Mbps SES	*$1785.00*
10 Mbps SES	*800.00*
Joebox Firewall Lease Service	*269.00*
(5) 10 Mbps SES/ $855.00 x 5	*4275.00*
Monthly Total	***$7129.00***

Verizon

100 Mbps SES	*$2400.00*
10 Mbps SES	*1200.00*
(5) 10 Mbps SES/ $1200.00 x5	*6000.00*

***If required non-standard construction, engineering and extension costs may be quoted separately upon completion of site survey.*

Monthly Total	***$9600.00***

MECnet and Verizon were the only provider who offered Switched Ethernet or like service at that particular time.

Methuen Public Schools has always used price as the primary factor in the vendor selection process through out the school district. The state master contract is often used in the District. Methuen also considers any additional charges the District may incur associated with a change of service/site readiness cost.

Methuen Public Schools would also note it appears a precedence was set in FCC Decision Docket No. 02-6 Dated November 20, 2012.
Re: Euclid city School District, Euclid, OH and Shannon County School District, Batesland, SD.
***See Attachment B*

Thank you for your time and consideration in our appeal.

Sincerely,

Judith A. Scannell,
Superintendent of Schools

September 27, 2013

Letter of Appeal
Schools and Libraries Division-Correspondence unit
100 S. Jefferson Rd.
PO Box 902
Whippany, NJ. 07981

Re: Methuen Public Schools
Quinn Building
90 Hampshire St.
Methuen, MA 01844
Att: Jane M. Perreault
Tel#: 978-722-6008
Fax#: 978-722-6019
jeperreault@methuen.k12.ma.us

To Whom It May Concern:
This letter is an appeal of a Notification of Commitment Adjustment letter dated August 5, 2013.

Form 471 Application Number:	715333
Funding Year:	2010
Applicant's Form Identifier:	471yr13
Billed Entity Number:	120388
FCC Registration Number:	0011759024
Spin:	143004624
Service Provider:	Merrimack Education Center
Service Provider Contact Person:	Joseph DiFonzo
FRN:	1947212
Service Ordered:	Internet Access
Original Funding Commitment:	$57,448.80
Commitment Adjustment Amount:	$57,448.80
Funds Disbursed to Date:	$54,109.80

"After a thorough investigation, it has been determined that this funding commitment must be rescinded in full. During a review, it was determined that the price of eligible products and services was not the primary factor in the vendor selection process. FCC rules require that applicants select the most cost-effective product and/or service offering with price being the primary factor in the vendor selection process. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given more weight than any other single factor. Ineligible products and services may not be factored into the cost-effective evaluation. Since price was not the primary factor in the vendor selection process, the commitment has been rescinded in full and USAC will seek recovery of any improperly disbursed funds from the applicant."

Methuen Public Schools response:
Methuen Public Schools used and continues to use the Massachusetts State contract process in accordance with the following guideline posted on the USAC Website:

"The applicant is required to follow the applicable provisions of the state master contract and state and local procurement laws. No separate bidding documents or contracts are required by the applicant citing the state's FCC Form 470, other than what is required by the state master contract and the state and local procurement laws. The signed state master contract between the state and the service provider meets the FCC signed contract requirement."

The enclosed Matrix(Attachment A) for FRN# 1947212 will show pricing of eligible services is the priority/primary factor for the Methuen Public Schools in the vendor selection process.
Refer to Matrix line one: Pricing/MA State Contract
*** See Attachment A*

Refer to: ITT37 Cost Table 1

MECNet

100 Mbps SES	*$1785.00*
10 Mbps SES	*1400.00*
Joebox Firewall Service	*269.00*
(5) 10 Mbps SES/ $855.00 x 5	*4275.00*
Monthly Total	***$7729.00***

Verizon

100 Mbps SES	*$2400.00*
10 Mbps SES	*1200.00*
(5) 10 Mbps SES/ $1200.00 x 5	*6000.00*

***If required non-standard construction, engineering and extension costs may be quoted separately upon completion of site survey.*

Monthly Total	***$9600.00***

MECnet and Verizon were the only provider who offered Switched Ethernet or like service at that particular time.

Methuen Public Schools has always used price as the primary factor in the vendor selection process through out the school district. The state master contract is often used in the District. Methuen also considers any additional charges the District may incur associated with a change of service/site readiness cost.

Methuen Public Schools would also note it appears a precedence was set in FCC Decision Docket No. 02-6 Dated November 20, 2012.
Re: Euclid city School District, Euclid, OH and Shannon County School District, Batesland, SD.
***See Attachment B*

Thank you for your time and consideration in our appeal.

Sincerely,

Judith A. Scannell,
Superintendent of Schools

September 27, 2013

Letter of Appeal
Schools and Libraries Division-Correspondence unit
100 S. Jefferson Rd.
PO Box 902
Whippany, NJ. 07981

Re: Methuen Public Schools
Quinn Building
90 Hampshire St.
Methuen, MA 01844
Att: Jane M. Perreault
Tel#: 978-722-6008
Fax#: 978-722-6019
jeperreault@methuen.k12.ma.us

To Whom It May Concern:
This letter is an appeal of a Notification of Commitment Adjustment letter dated August 5, 2013.

Form 471 Application Number:	782102
Funding Year:	2011
Applicant's Form Identifier:	471yr14
Billed Entity Number:	120388
FCC Registration Number:	0011759024
Spin:	143004624
Service Provider:	Merrimack Education Center
Service Provider Contact Person:	Joseph DiFonzo
FRN:	2118148
Service Ordered:	Internet Access
Original Funding Commitment:	$56,424.00
Commitment Adjustment Amount:	$0
Funds Disbursed to Date:	$0

"After a thorough investigation, it has been determined that this funding commitment must be rescinded in full. During a review, it was determined that the price of eligible products and services was not the primary factor in the vendor selection process. FCC rules require that applicants select the most cost-effective product and/or service offering with price being the primary factor in the vendor selection process. Applicants may take other factors into consideration, but in selecting the winning bid, price must be given more weight than any other single factor. Ineligible products and services may not be factored into the cost-effective evaluation. Since price was not the primary factor in the vendor selection process, the commitment has been rescinded in full and USAC will seek recovery of any improperly disbursed funds from the applicant."

Methuen Public Schools response:
Methuen Public Schools used and continues to use the Massachusetts State contract process in accordance with the following guideline posted on the USAC Website:

"The applicant is required to follow the applicable provisions of the state master contract and state and local procurement laws. No separate bidding documents or contracts are required by the applicant citing the state's FCC Form 470, other than what is required by the state master contract and the state and local procurement laws. The signed state master contract between the state and the service provider meets the FCC signed contract requirement."

The enclosed Matrix(Attachment A) for FRN# 2118148 will show pricing of eligible services is the priority/primary factor for the Methuen Public Schools in the vendor selection process.
Refer to Matrix line one: Pricing/MA State Contract
*** See Attachment A*

Refer to: ITT37

MECNet

100 Mbps SES	*$1785.00*
10 Mbps SES w/leased equipment	*975.00*
(5) 10 Mbps SES/ $855.00 x 5	*4275.00*
Premium Internet Bundled service (includes 20 Mbps bandwidth & leased Firewall)	*2369.00*
Monthly Total	***$9404.00***

Verizon

100 Mbps SES	*$2400.00*
(5) 10 Mbps SES/ $1200.00 x5	*6000.00*
20 Mbps Internet Bundle	*3170.60*

***If required non-standard construction, engineering and extension costs may be quoted separately upon completion of site survey.*

Monthly Total	***$11,570.60***

MECnet and Verizon were the only provider who offered Switched Ethernet or like service at that particular time.

CELT
After meeting with CELT staff and on-site visits as well as follow-up phone calls, no response was received. CELT was then eliminated from consideration.

Methuen Public Schools has always used price as the primary factor in the vendor selection process through out the school district. The state master contract is often used in the District. Methuen also considers any additional charges the District may incur associated with a change of service/site readiness cost.

Methuen Public Schools would also note it appears a precedence was set in FCC Decision Docket No. 02-6 Dated November 20, 2012.
Re: Euclid city School District, Euclid, OH and Shannon County School District, Batesland, SD.
***See Attachment B*

Thank you for your time and consideration in our appeal.

Sincerely,

Judith A. Scannell,
Superintendent of Schools

Exhibit 5

MECnet and Verizon FY 2009, FY 2010 and FY 2011 Prices

MECnet Cost Table

Funding Year 2009

FY 09
Fiscal 10

Commonwealth of Massachusetts
RFR ITT37 - Internet Hosting & Access Services

Attachment C, Services and Cost Tables 05/20/08
Cost Table 1.0 - Internet Access

All costs provided must include all cost components required to provision the service on a monthly basis.
Standard non-recurring costs, if any, must be in the cost table.
If required, non-standard construction, engineering and extension costs may be quoted separately upon completion of a site survey.
Bidders may expand the number of rows to fit their offerings. Do not add columns.
USF fees are not allowed

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Cost	Total NRC (non-recurring cost)
	e.g. dial-up (dynamic/static IP address), multi-link, dual dial-up, ISDN, ADSL, SDSL, Cable, T1 (fractional/full/dual), T3, Fixed point-to-point wireless, MPLS, Fiber, …	e.g. 56K, 1.544M, …, OC-12						
	T1	1.544mb						
	Dial-up	56K						
	MONTHLY PRICING							
	MECnet T1 Internet Service: **Schools** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$803.00	$0.00	$0.00	$803.00	$299.00

MECnet T1 Internet Service: **Towns and Agencies** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$695.00	$0.00	$0.00	$695.00	$299.00
MECnet 384Kbps Internet Service: Schools (includes 384Kbps circuit, 250 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	384Kbps	$0.00	$540.00	$0.00	$0.00	$540.00	$299.00
MECnet 384Kbps Internet Service: Towns and Agencies (includes: 384Kbps circuit, 250 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	384Kbps	$0.00	$440.00	$0.00	$0.00	$440.00	$299.00
MECnet 56Kbps Internet Service: Schools (includes: 56Kbps circuit, 150 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	56Kbps	$0.00	$200.00	$0.00	$0.00	$200.00	$299.00
MECnet 56Kbps Internet Service: Towns and Agencies (includes 56 Kbps circuit, 150 email accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	56Kbps	$0.00	$150.00	$0.00	$0.00	$150.00	$299.00
T1-WAN Frame circuit	1.54Mbps	$0.00	$445.00	$0.00	$0.00	$445.00	$299.00

384Kbps-WAN Frame circuit	384Kbps	$0.00	$395.00	$0.00	$0.00	$395.00	$299.00
T3 Circuit		$0.00	price varies depending on location and site survey	varies	$0.00	$0.00	varies
Point-to-Point Circuit		$0.00	price varies depending on location and site survey	varies	$0.00	$0.00	varies
MECnet Switched Ethernet Service (SES)							
MECnet SES 10Mbps	10Mbps	$1,055.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES 100Mbps	100Mbps	$1,985.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES GigE	Gig	$3,250.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
Internet Bandwidth with Wrap-Around Service (includes e-mail accounts, web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)							
Internet Bandwidth 5Mbps	5Mbps	$0.00	$800.00	$0.00	$0.00	$800.00	$0.00
Internet Bandwidth 10Mbps	10Mbps	$0.00	$1,400.00	$0.00	$0.00	$1,400.00	$0.00
Internet Bandwidth 15Mbps	15Mbps	$0.00	$1,650.00	$0.00	$0.00	$1,650.00	$0.00
Internet Bandwidth 20Mbps	20Mbps	$0.00	$2,200.00	$0.00	$0.00	$2,200.00	$0.00
Internet Bandwidth 30Mbps	30Mbps	$0.00	$2,700.00	$0.00	$0.00	$2,700.00	$0.00
Internet Bandwidth 40Mbps	40Mbps	$0.00	$3,600.00	$0.00	$0.00	$3,600.00	$0.00
Internet Bandwidth 50Mbps	50Mbps	$0.00	$4,500.00	$0.00	$0.00	$4,500.00	$0.00
Internet Bandwidth 60Mbps	60Mbps	$0.00	$5,400.00	$0.00	$0.00	$5,400.00	$0.00
Internet Bandwidth 100Mbps	100Mbps	$0.00	$7,000.00	$0.00	$0.00	$7,000.00	$0.00
MECnet Carrier Fiber (includes RCN and Charter)			Price varies depending on geography, capacity and site survey				Varies depending on site survey

MECnet Community Internet (deployed over fiber)		$0.00	$1,763.00	$0.00	$0.00	$1,763.00	Varies depending on site survey
MECnet Broadband Wrap-Around Services (MBS depending location and availability)							
MBS1 16Mbps/2Mbps*	16Mbps/2Mbps	$0.00	$425.00	$0.00	$0.00	$425.00	$299.00
MBS1 6Mbps/1Mbps*	6Mbps/1Mbps	$0.00	$325.00	$0.00	$0.00	$325.00	$299.00
MBS1 4Mbps/768kbps*	4Mbps/768kbps	$0.00	$225.00	$0.00	$0.00	$225.00	$299.00
MBS1 1.5Mbps/1.5Mbps*	1.5Mbps/1.5Mbps	$0.00	$525.00	$0.00	$0.00	$525.00	$299.00
MBS2 5Mbps/512kbps*	5Mbps/512kbps	$0.00	$170.00	$0.00	$0.00	$170.00	$299.00
MBS2 7Mbps/768kbps*	7Mbps/768kbps	$0.00	$200.00	$0.00	$0.00	$200.00	$299.00
MBS2 10Mbps/1Mbps*	10Mbps/1Mbps	$0.00	$220.00	$0.00	$0.00	$220.00	$299.00
MBS2 2Mbps/2Mbps*	2Mbps/2Mbps	$0.00	$260.00	$0.00	$0.00	$260.00	$299.00
MBS2 8Mbps/2Mbps*	8Mbps/2Mbps	$0.00	$310.00	$0.00	$0.00	$310.00	$299.00
MBS2 16Mbps/2Mbps*	16Mbps/2Mbps	$0.00	$425.00	$0.00	$0.00	$370.00	$299.00
MBS3 20Mbps/5Mbps*	20Mbps/5Mbps	$0.00	$274.00	$0.00	$0.00	$274.00	$198.00
MBS3 20Mbps/20Mbps*	20Mbps/20Mbps*	$0.00	$410.00	$0.00	$0.00	$410.00	$198.00
MBS3 50Mbps/20Mbps*	50Mbps/20Mbps	$0.00	$610.00	$0.00	$0.00	$610.00	$198.00
MBS3 (T1 and 50/20) Schools	(1.5Mbps and 50/20)	$0.00	$1,180.00	$0.00	$0.00	$1,180.00	$198.00
MBS3 (T1 and 50/20) Municipalities	(1.5Mbps and 50/20)	$0.00	$1,094.00	$0.00	$0.00	$1,094.00	$198.00
Additional IP's							
MBS1 -13 Additional IP's		$0.00	$5.00	$0.00	$0.00	$5.00	$0.00
MBS2 - 5 Additional IP's		$0.00	$16.99	$0.00	$0.00	$16.99	$0.00
MBS2 -13 Additional IP's		$0.00	$32.99	$0.00	$0.00	$32.99	$0.00
MBS3 - 5 Additional IP's		$0.00	$20.00	$0.00	$0.00	$20.00	$0.00
MBS3 -13 Additional IP's		$0.00	$50.00	$0.00	$0.00	$50.00	$0.00
MBS3 - 29 Additional IP's		$0.00	$80.00	$0.00	$0.00	$80.00	$0.00
MBS3 - 61 Additional IP's		$0.00	$120.00	$0.00	$0.00	$120.00	$0.00
MBS3 - 125 Additional IP's		$0.00	$190.00	$0.00	$0.00	$190.00	$0.00
*Wrap Around Services for MBS includes (500 e-mail accounts, 100MB web hosting, support, monitoring, training, user group, Static IP (1), listservs and DNS Hosting)			Included with MECnet				

Livelinks: hardware, line support, monitoring		$0.00	$125.00	$0.00	$0.00	$125.00	$0.00
(8) IP addresses provided with T1's and SES			included				
12 MONTH PRICING							
MECnet T1 Internet Service: **Schools** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$760.00	$0.00	$0.00	$760.00	$299.00
MECnet T1 Internet Service: **Towns and Agencies** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$661.00	$0.00	$0.00	$661.00	$299.00
MECnet T1 Plus Internet Service (includes (2) bonded T1 circuits, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	3.0Mbps	$0.00	$1,250.00	$0.00	$0.00	$1,250.00	$299.00
Customers who purchase 3 or more T1 lines receive a 10% discount on Individual T1's and Firewall Service (Joebox)							
MECnet SES 10Mbps	10Mbps	$855.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES 100Mbps	100Mbps	$1,785.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES GigE	Gig	$3,050.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey

Joebox 1000 for Municipalities- Up to 100 users		$0.00	$199.00	$0.00	$0.00	$199.00	$0.00
Joebox V3 for 100 to 4000 users or 20 MB connection		$0.00	$299.00	$0.00	$0.00	$299.00	$0.00
Joebox 5000 for up to 8000 computers or 60MB connection		$0.00	$325.00	$0.00	$0.00	$325.00	
Joebox Support for purchase after 1 year		$0.00	$125.00	$0.00	$0.00	$125.00	$0.00
MECnet standard installation (CISCO 1841 with CSU/DSU)			Lease option available for E-rate purpose	$0.00	$0.00	$1,985.00	$0.00
Leased Layer 3 Switch/Router Device		$0.00	$120.00	$0.00	$0.00	$120.00	$0.00

Sample location costs
Additional columns may be populated with the MRC for higher speed connections.

Address	NPN/NNX	MRC T1 (required)	(Costs must be derived from the above pricing.) SES 10 Mbps	SES 100 Mbps	SES Gig
10 Park Plaza, Boston	617-973	$803.00	$1,055.00	$1,985.00	$3,250.00
(4) 200 Arlington Street, Chelsea	617-626	$803.00	$1,055.00	$1,985.00	$3,250.00
11 Lincoln Street, Plymouth	508-747	$803.00	$1,055.00	$1,985.00	$3,250.00
20 East Worcester St., Worcester	508-929	$803.00	$1,055.00	$1,985.00	$3,250.00
25 West Street, Leominster	978-534	$803.00	$1,055.00	$1,985.00	$3,250.00
36 Court Street, Springfield	413-787	$803.00	$1,055.00	$1,985.00	$3,250.00
(4)452 Main Road, Monterey	413-528	$803.00	$1,055.00	$1,985.00	$3,250.00
439 South Union Street, Lawrence	978-722	$803.00	$1,055.00	$1,985.00	$3,250.00
(4)37 Main Street, North Adams	413-663	$803.00	$1,055.00	$1,985.00	$3,250.00

(1) Load balancing can be provided for no additional monthly cost over services purchased. A one time fee may apply. Please refer to engineering rates on cost table 4.0.

(2) MEC provides custom designed QoS services at no additional monthly cost over the services purchased. One time engineering fee may apply. Please refer to engineering rates on cost table 4.0.

(3) Inter Office Facility Charge (IOF) is based on the distance between the SES Switch and the local servicing office of the end user.

(4) Inter Office Facilities Charges will apply for North Adams, Monterey and Chelsea addresses.

(5) In the event that a customer who has agreed to purchase service under a term agreement (12 months) elects to cancel the service before the agreed-upon term, MEC will recalculate the customer's charges from the initial service date based on the rates applicable to month-to-month service, including any one-time charges applicable to month-to-month service.

(6) When a customer's service specifications require MEC to undertake special or atypical construction (or to subcontract for such services), MEC will quote customers the costs incurred by MEC for such construction or installation as a separate charge, or on an individual case basis.

Verizon Cost Table

Funding Year 2009

Commonwealth of Massachus **Vendor Code Internet Access = VC6000246445**
RFR ITT37 - Internet Hosting & Ac **Vendor Code Managed Security = Cybertrust (VC0000438238) Rows 1222-1314**

Attachment C, Services and Cost Tables 5/20/2008
Cost Table 1.0 - Internet Access

1 **All costs provided must include all cost components required to provision the service on a monthly basis.**
2 **Standard non-recurring costs, if any, must be in the cost table.**
3 **If required, non-standard construction, engineering and extension costs may be quoted separately upon completion of a site survey.**
4 **Bidders may expand the number of rows to fit their offerings. Do not add columns.**
5 **USF fees are not allowed**
6 **QoS is optional - Not included in Total Monthly Costs Below**

All Access Circuits are subject to availability of facilities. As such, Special Construction Charges May apply and are priced on an individual case basis (ICB).
Additional Fees may be applied as applicable (see section "Additional Fees")

As elected by Commonwealth Operation Services Division, access circuit costs for Internet Services have been reduced by 15% in lieu of waiving the FUSF charges. Therefore FUSF charges will apply to all access circuits.

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
T1 Dedicated Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Price Protected	1.5 (Mbps)	$ 315.74	$ 179.00	*included*	$ 170.00	$ 494.74	$ -
Shadow T1	1.5	$ 250.75	$ 179.00	*included*	$ 170.00	$ 429.75	$ -
Double/Diverse T1	1.5	$ 693.31	$ 179.00	*included*	$ 330.00	$ 872.31	$ -
Multi-T1 Price Protected Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
NxT1 3 Meg	3 (Mbps)	$ 618.24	$ 358.00	*included*	$ 330.00	$ 976.24	$ -
NxT1 4.5 Meg	4.5	$ 918.53	$ 537.00	*included*	$ 330.00	$ 1,455.53	$ -
NxT1 6 Meg	6	$ 1,187.90	$ 716.00	*included*	$ 330.00	$ 1,903.90	$ -
NxT1 7.5 Meg	7.5	$ 1,377.79	$ 895.00	*included*	$ 330.00	$ 2,272.79	$ -
NxT1 9 Meg	9	$ 1,563.26	$ 1,074.00	*included*	$ 330.00	$ 2,637.26	$ -
NxT1 10.5 Meg	10.5	$ 1,629.50	$ 1,253.00	*included*	$ 330.00	$ 2,882.50	$ -
NxT1 12 Meg	12	$ 1,695.74	$ 1,432.00	*included*	$ 330.00	$ 3,127.74	$ -
High-speed Tiered Internet Access Services							
DS3 Access Tiered Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
DS3 Access Tiered Services							
3 Mbps	3 Mbps	$ 454.85	$ 1,445.00	*included*	$ 330.00	$ 1,899.85	$ -
6	6	$ 755.14	$ 1,445.00	*included*	$ 330.00	$ 2,200.14	$ -
9	9	$ 1,073.09	$ 1,445.00	*included*	$ 330.00	$ 2,518.09	$ -
12	12	$ 1,391.04	$ 1,445.00	*included*	$ 330.00	$ 2,836.04	$ -
15	15	$ 1,717.82	$ 1,445.00	*included*	$ 330.00	$ 3,162.82	$ -
18	18	$ 2,057.86	$ 1,445.00	*included*	$ 330.00	$ 3,502.86	$ -
21	21	$ 2,366.98	$ 1,445.00	*included*	$ 330.00	$ 3,811.98	$ -
24	24	$ 2,707.01	$ 1,445.00	*included*	$ 330.00	$ 4,152.01	$ -
27	27	$ 2,958.72	$ 1,445.00	*included*	$ 330.00	$ 4,403.72	$ -
30	30	$ 3,188.35	$ 1,445.00	*included*	$ 330.00	$ 4,633.35	$ -
33	33	$ 3,400.32	$ 1,445.00	*included*	$ 330.00	$ 4,845.32	$ -
36	36	$ 3,594.62	$ 1,445.00	*included*	$ 330.00	$ 5,039.62	$ -
39	39	$ 3,771.26	$ 1,445.00	*included*	$ 330.00	$ 5,216.26	$ -
45	45	$ 3,388.65	$ 1,445.00	*included*	$ 330.00	$ 4,833.65	$ -
Shadow T3	45	$ 983.54	$ 1,445.00	*included*	$ 330.00	$ 2,428.54	$ -
Double/Diverse T3	45	$ 5,818.56	$ 1,445.00	*included*	$ 400.00	$ 7,263.56	$ -
OC3 Access Tiered Services							
OC3 Access Tiered Services							
60 Mbps	60 (Mbps)	$ 4,339.13	***ICB***	***ICB***	***ICB***	***ICB***	$ -
70	70	$ 4,865.52	***ICB***	***ICB***	***ICB***	***ICB***	$ -
80	80	$ 5,306.70	***ICB***	***ICB***	***ICB***	***ICB***	$ -
90	90	$ 5,721.76	***ICB***	***ICB***	***ICB***	***ICB***	$ -
100	100	$ 6,119.05	***ICB***	***ICB***	***ICB***	***ICB***	$ -
155	155	$ 7,261.04	***ICB***	***ICB***	***ICB***	***ICB***	$ -
Shadow OC3	155	$ 2,542.01	***ICB***	***ICB***	***ICB***	***ICB***	$ -
Double/Diverse OC3	155	$ 14,689.58	***ICB***	***ICB***	***ICB***	***ICB***	$ -
OC12 Access Tiered Services							
OC12 Access Tiered Services							
150 Mbps	150 Mbps	$ 7,416.65	***ICB***	***ICB***	***ICB***	***ICB***	$ -
160	160	$ 7,617.01	***ICB***	***ICB***	***ICB***	***ICB***	$ -
180	180	$ 8,569.57	***ICB***	***ICB***	***ICB***	***ICB***	$ -
200	200	$ 9,494.05	***ICB***	***ICB***	***ICB***	***ICB***	$ -
250	250	$ 11,281.25	***ICB***	***ICB***	***ICB***	***ICB***	$ -
300	300	$ 13,537.50	***ICB***	***ICB***	***ICB***	***ICB***	$ -
350	350	$ 15,058.26	***ICB***	***ICB***	***ICB***	***ICB***	$ -
622	622	$ 23,392.80	***ICB***	***ICB***	***ICB***	***ICB***	$ -

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Shadow OC12	622	$ 9,006.95	ICB	ICB	ICB	ICB	$ -
Double/Diverse OC12	622	$ 42,657.95	ICB	ICB	ICB	ICB	$ -
Technology	**Bandwidth**	**Port Cost ($-per-month)**	**Access Cost ($ monthly)**	**Cost per mile ($ monthly)**	**QoS Cost ($ monthly)**	**Total Monthly Cost**	**Total NRC (non-recurring cost)**
Burstable Internet Access Services							
T1 Burstable Select Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Note: Port Discount also applies to Bursting Rate (55.84% off VBS III)							
Tier 1	0 to 128 Kbps	$ 216.38	$ 179.00	*included*	$ 170.00	$ 395.38	$ -
Tier 2	129 to 256	$ 251.71	$ 179.00	*included*	$ 170.00	$ 430.71	$ -
Tier 3	257 to 384	$ 282.62	$ 179.00	*included*	$ 170.00	$ 461.62	$ -
Tier 4	385 to 512	$ 322.37	$ 179.00	*included*	$ 170.00	$ 501.37	$ -
Tier 5	513 to 1.5 Mbps	$ 375.36	$ 179.00	*included*	$ 170.00	$ 554.36	$ -
T3 Burstable Select Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Tier 1	5 Mbps	$ 741.89	$ 1,445.00	*included*	$ 330.00	$ 2,186.89	$ -
Tier 2	10	$ 1,245.31	$ 1,445.00	*included*	$ 330.00	$ 2,690.31	$ -
Tier 3	15	$ 1,806.14	$ 1,445.00	*included*	$ 330.00	$ 3,251.14	$ -
Tier 4	20	$ 2,384.64	$ 1,445.00	*included*	$ 330.00	$ 3,829.64	$ -
Tier 5	25	$ 2,910.14	$ 1,445.00	*included*	$ 330.00	$ 4,355.14	$ -
Tier 6	30	$ 3,351.74	$ 1,445.00	*included*	$ 330.00	$ 4,796.74	$ -
Tier 7	35	$ 3,700.61	$ 1,445.00	*included*	$ 330.00	$ 5,145.61	$ -
Tier 8	40	$ 3,987.65	$ 1,445.00	*included*	$ 330.00	$ 5,432.65	$ -
OC3 Burstable Select Internet Services							
Tier 1	30 Mbps	$ 3,011.71	ICB	ICB	ICB	ICB	ICB
Tier 2	40	$ 3,590.21	ICB	ICB	ICB	ICB	ICB
Tier 3	50	$ 4,265.86	ICB	ICB	ICB	ICB	ICB
Tier 4	60	$ 4,707.46	ICB	ICB	ICB	ICB	ICB
Tier 5	80	$ 6,169.15	ICB	ICB	ICB	ICB	ICB
Tier 6	100	$ 7,284.63	ICB	ICB	ICB	ICB	ICB
Tier 7	120	$ 8,457.52	ICB	ICB	ICB	ICB	ICB
Tier 8	135	$ 9,076.65	ICB	ICB	ICB	ICB	ICB
OC12 Burstable Select Internet Services							
Tier 1	50 Mbps	$ 3,864.00	ICB	ICB	ICB	ICB	ICB
Tier 2	75 Mbps	$ 4,612.00	ICB	ICB	ICB	ICB	ICB
Tier 3	100 Mbps	$ 5,940.00	ICB	ICB	ICB	ICB	ICB
Tier 4	150 Mbps	$ 8,864.00	ICB	ICB	ICB	ICB	ICB
Tier 5	200 Mbps	$ 10,944.00	ICB	ICB	ICB	ICB	ICB
Tier 6	250 Mbps	$ 13,128.00	ICB	ICB	ICB	ICB	ICB
Tier 7	300 Mbps	$ 15,752.00	ICB	ICB	ICB	ICB	ICB
Tier 8	400 Mbps	$ 20,064.00	ICB	ICB	ICB	ICB	ICB
Tier 9	500 Mbps	$ 24,152.00	ICB	ICB	ICB	ICB	ICB

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Ethernet Based Internet Access							
Tiered Ethernet Internet Access Services							
** Access Cost based Upon Ethernet Type 2 Rate Band A (See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
***Access Cost based Upon Ethernet Type 1 Rate (Type 1 Requires a Lit Building, See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
Tiered Ethernet Internet Service							
1 Mbps *	1	$ 224.40	$ 863.00	*included*	$ 330.00	$ 1,087.40	$ -
2 Mbps*	2	$ 396.00	$ 876.00	*included*	$ 330.00	$ 1,272.00	$ -
3 Mbps*	3	$ 506.00	$ 888.00	*included*	$ 330.00	$ 1,394.00	$ -
4 Mbps*	4	$ 576.40	$ 901.00	*included*	$ 330.00	$ 1,477.40	$ -
5 Mbps*	5	$ 668.80	$ 914.00	*included*	$ 330.00	$ 1,582.80	$ -
6 Mbps*	6	$ 717.20	$ 927.00	*included*	$ 330.00	$ 1,644.20	$ -
7 Mbps*	7	$ 888.80	$ 939.00	*included*	$ 330.00	$ 1,827.80	$ -
8 Mbps*	8	$ 906.40	$ 952.00	*included*	$ 330.00	$ 1,858.40	$ -
9 Mbps*	9	$ 1,016.40	$ 965.00	*included*	$ 330.00	$ 1,981.40	$ -
10 Mbps*	10	$ 1,122.00	$ 978.00	*included*	$ 330.00	$ 2,100.00	$ -
15 Mbps**	15	$ 1,628.00	$ 586.00	*included*	$ 490.00	$ 2,214.00	$ -
20 Mbps*	20	$ 2,151.60	$ 1,105.00	*included*	$ 490.00	$ 3,256.60	$ -
25 Mbps**	25	$ 2,626.80	$ 643.00	*included*	$ 490.00	$ 3,269.80	$ -
30 Mbps*	30	$ 3,018.40	$ 1,233.00	*included*	$ 490.00	$ 4,251.40	$ -
35 Mbps**	35	$ 3,339.60	$ 741.00	*included*	$ 490.00	$ 4,080.60	$ -
40 Mbps*	40	$ 3,594.80	$ 1,360.00	*included*	$ 490.00	$ 4,954.80	$ -
50 Mbps*	50	$ 3,845.60	$ 1,488.00	*included*	$ 490.00	$ 5,333.60	$ -
60 Mbps*	60	$ 4,246.00	$ 2,465.00	*included*	$ 820.00	$ 6,711.00	$ -
70 Mbps*	70	$ 4,866.40	$ 2,593.00	*included*	$ 820.00	$ 7,459.40	$ -
80 Mbps*	80	$ 5,561.60	$ 2,720.00	*included*	$ 820.00	$ 8,281.60	$ -
90 Mbps*	90	$ 6,142.40	$ 2,848.00	*included*	$ 820.00	$ 8,990.40	$ -
100 Mbps*	100	$ 6,569.20	$ 2,975.00	*included*	$ 820.00	$ 9,544.20	$ -
150 Mbps**	150	$ 8,822.00	$ 1,728.00	*included*	$ 1,220.00	$ 10,550.00	$ -
200 Mbps*	200	$ 10,890.00	$ 4,165.00	*included*	$ 1,220.00	$ 15,055.00	$ -
250 Mbps**	250	$ 13,063.60	$ 2,507.00	*included*	$ 1,220.00	$ 15,570.60	$ -
300 Mbps*	300	$ 15,677.20	$ 5,355.00	*included*	$ 1,220.00	$ 21,032.20	$ -
350 Mbps**	350	$ 17,908.00	$ 3,123.00	*included*	$ 1,220.00	$ 21,031.00	$ -
400 Mbps*	400	$ 20,064.00	$ 6,545.00	*included*	$ 1,220.00	$ 26,609.00	$ -
500 Mbps*	500	$ 24,037.20	$ 7,735.00	*included*	$ 1,220.00	$ 31,772.20	$ -
600 Mbps**	600	$ 27,086.40	$ 3,546.00	*included*	$ 1,220.00	$ 30,632.40	$ -
700 Mbps**	700	$ 31,724.00	$ 3,830.00	*included*	$ 1,870.00	$ 35,554.00	$ -
800 Mbps**	800	$ 36,080.00	$ 4,094.00	*included*	$ 1,870.00	$ 40,174.00	$ -
1,000 Mbps**	1000	$ 45,289.20	$ 4,293.00	*included*	$ 1,870.00	$ 49,582.20	$ -
Burstable Ethernet Internet Services							
** Access Cost based Upon Ethernet Type 2 Rate Band A (See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
***Access Cost based Upon Ethernet Type 1 Rate (Type 1 Requires a Lit Building, See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
Type 2 Access supported up to 100MB, Type 1 Access Required Above 100MB							
Note: Port Discount also applies to Bursting Rate (55.84% off VBS III)							
Burstable Select 10 Mbps*							
2 Mbps	2	$ 418.00	$ 879.75	*included*	$ 330.00	$ 1,297.75	$ -
4 Mbps	4	$ 607.20	$ 879.75	*included*	$ 330.00	$ 1,486.95	$ -

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
6 Mbps	6	$ 756.80	$ 879.75	*included*	$ 330.00	$ 1,636.55	$ -
8 Mbps	8	$ 954.80	$ 879.75	*included*	$ 330.00	$ 1,834.55	$ -
Burstable Select 50 Mbps*							
5 Mbps	5	$ 704.00	$ 1,488.00	*included*	$ 490.00	$ 2,192.00	$ -
10 Mbps	10	$ 1,179.20	$ 1,488.00	*included*	$ 490.00	$ 2,667.20	$ -
15 Mbps	15	$ 1,711.60	$ 1,488.00	*included*	$ 490.00	$ 3,199.60	$ -
20 Mbps	20	$ 2,257.20	$ 1,488.00	*included*	$ 490.00	$ 3,745.20	$ -
25 Mbps	25	$ 2,758.80	$ 1,488.00	*included*	$ 490.00	$ 4,246.80	$ -
30 Mbps	30	$ 3,176.80	$ 1,488.00	*included*	$ 490.00	$ 4,664.80	$ -
35 Mbps	35	$ 3,506.80	$ 1,488.00	*included*	$ 490.00	$ 4,994.80	$ -
40 Mbps	40	$ 3,775.20	$ 1,488.00	*included*	$ 490.00	$ 5,263.20	$ -
Burstable Select 100 Mbps*							
10 Mbps	10	$ 1,179.20	$ 2,975.00	*included*	$ 820.00	$ 4,154.20	$ -
20 Mbps	20	$ 2,257.20	$ 2,975.00	*included*	$ 820.00	$ 5,232.20	$ -
30 Mbps	30	$ 3,176.80	$ 2,975.00	*included*	$ 820.00	$ 6,151.80	$ -
40 Mbps	40	$ 3,775.20	$ 2,975.00	*included*	$ 820.00	$ 6,750.20	$ -
50 Mbps	50	$ 4,039.20	$ 2,975.00	*included*	$ 820.00	$ 7,014.20	$ -
60 Mbps	60	$ 4,461.60	$ 2,975.00	*included*	$ 820.00	$ 7,436.60	$ -
70 Mbps	70	$ 5,112.80	$ 2,975.00	*included*	$ 820.00	$ 8,087.80	$ -
80 Mbps	80	$ 5,843.20	$ 2,975.00	*included*	$ 820.00	$ 8,818.20	$ -
Burstable Select 600 Mbps**							
50 Mbps	50	$ 4,039.20	$ 3,447.60	*included*	$ 1,220.00	$ 7,486.80	$ -
100 Mbps	100	$ 6,899.20	$ 3,447.60	*included*	$ 1,220.00	$ 10,346.80	$ -
150 Mbps	150	$ 9,266.40	$ 3,447.60	*included*	$ 1,220.00	$ 12,714.00	$ -
200 Mbps	200	$ 11,435.60	$ 3,447.60	*included*	$ 1,220.00	$ 14,883.20	$ -
250 Mbps	250	$ 13,179.20	$ 3,447.60	*included*	$ 1,220.00	$ 16,626.80	$ -
300 Mbps	300	$ 16,464.80	$ 3,447.60	*included*	$ 1,220.00	$ 19,912.40	$ -
350 Mbps	350	$ 18,805.60	$ 3,447.60	*included*	$ 1,220.00	$ 22,253.20	$ -
400 Mbps	400	$ 21,067.20	$ 3,447.60	*included*	$ 1,220.00	$ 24,514.80	$ -
500 Mbps	500	$ 25,242.80	$ 3,447.60	*included*	$ 1,220.00	$ 28,690.40	$ -
Burstable Select 1,000 Mbps**							
75 Mbps	75	$ 5,416.20	$ 4,293.00	*included*	$ 1,870.00	$ 9,709.20	$ -
100 Mbps	100	$ 6,542.40	$ 4,293.00	*included*	$ 1,870.00	$ 10,835.40	$ -
150 Mbps	150	$ 9,028.80	$ 4,293.00	*included*	$ 1,870.00	$ 13,321.80	$ -
200 Mbps	200	$ 11,827.20	$ 4,293.00	*included*	$ 1,870.00	$ 16,120.20	$ -
250 Mbps	250	$ 14,256.00	$ 4,293.00	*included*	$ 1,870.00	$ 18,549.00	$ -
300 Mbps	300	$ 16,473.60	$ 4,293.00	*included*	$ 1,870.00	$ 20,766.60	$ -
400 Mbps	400	$ 20,697.60	$ 4,293.00	*included*	$ 1,870.00	$ 24,990.60	$ -
500 Mbps	500	$ 25,344.00	$ 4,293.00	*included*	$ 1,870.00	$ 29,637.00	$ -
600 Mbps	600	$ 29,779.20	$ 4,293.00	*included*	$ 1,870.00	$ 34,072.20	$ -
750 Mbps	750	$ 33,264.00	$ 4,293.00	*included*	$ 1,870.00	$ 37,557.00	$ -
Ancillary Internet Access Charges							
Port Reconfiguration Fee							
T1							$ 200.00
NxT1, T3							$ 600.00
OC-3, OC-12							$ 1,000.00
Relocation/Retermination Fee							
T1							$ 450.00
NxT1, T3							$ 750.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	OC-3, OC-12							$ 1,250.00
	Ethernet							$ 500.00
	Order Expedite Per Port							$ 1,400.00
	Relocation/Retermination							$ 500.00
	Off Hours Installation							$ 500.00
Access Circuit Pricing by CLLI Code								
T1 Access Circuits Rates By CLLI Code								
	CLLI Code							
	ACSHMAPL	1.5Mbps	*na*	$ 476.00	*na*	*na*	*na*	$ -
	ACTNMAMA	1.5Mbps	*na*	$ 357.00	*na*	*na*	*na*	$ -
	ADMSMAMA	1.5Mbps	*na*	$ 731.00	*na*	*na*	*na*	$ -
	AGWMMARO	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	AMHRMAFE	1.5Mbps	*na*	$ 391.00	*na*	*na*	*na*	$ -
	AMHRMASP	1.5Mbps	*na*	$ 383.00	*na*	*na*	*na*	$ -
	AMSBMAPL	1.5Mbps	*na*	$ 417.00	*na*	*na*	*na*	$ -
	ANDVMAEL	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	ANDVMAFM	1.5Mbps	*na*	$ 315.00	*na*	*na*	*na*	$ -
	ARTNMAPL	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	ASFDMAMA	1.5Mbps	*na*	$ 527.00	*na*	*na*	*na*	$ -
	ASHBMASO	1.5Mbps	*na*	$ 510.00	*na*	*na*	*na*	$ -
	ASHMMAPL	1.5Mbps	*na*	$ 502.00	*na*	*na*	*na*	$ -
	ASLDMAMA	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	ASNTMAMA	1.5Mbps	*na*	$ 366.00	*na*	*na*	*na*	$ -
	ATHOMARI	1.5Mbps	*na*	$ 553.00	*na*	*na*	*na*	$ -
	ATLBMABA	1.5Mbps	*na*	$ 272.00	*na*	*na*	*na*	$ -
	AUBNMALG	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	AYERMAPL	1.5Mbps	*na*	$ 357.00	*na*	*na*	*na*	$ -
	BARRMAJA	1.5Mbps	*na*	$ 459.00	*na*	*na*	*na*	$ -
	BCKTMAWA	1.5Mbps	*na*	$ 561.00	*na*	*na*	*na*	$ -
	BDFRMAPA	1.5Mbps	*na*	$ 204.00	*na*	*na*	*na*	$ -
	BITNMAWI	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	BKLIMAGG	1.5Mbps	*na*	$ 247.00	*na*	*na*	*na*	$ -
	BKLIMAMA	1.5Mbps	*na*	$ 272.00	*na*	*na*	*na*	$ -
	BLMTMALE	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BLNDMAGL	1.5Mbps	*na*	$ 434.00	*na*	*na*	*na*	$ -
	BLRCMAAN	1.5Mbps	*na*	$ 196.00	*na*	*na*	*na*	$ -
	BLTWMAJA	1.5Mbps	*na*	$ 315.00	*na*	*na*	*na*	$ -
	BMFDMAWA	1.5Mbps	*na*	$ 298.00	*na*	*na*	*na*	$ -
	BOTNMAMA	1.5Mbps	*na*	$ 306.00	*na*	*na*	*na*	$ -
	BRLNMAHI	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BRNRMACH	1.5Mbps	*na*	$ 587.00	*na*	*na*	*na*	$ -
	BRNSMAMA	1.5Mbps	*na*	$ 723.00	*na*	*na*	*na*	$ -
	BRNTMAWA	1.5Mbps	*na*	$ 204.00	*na*	*na*	*na*	$ -
	BRPKMAWI	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BRTNMACR	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	BRWRMACH	1.5Mbps	*na*	$ 349.00	*na*	*na*	*na*	$ -
	BRWSMAYA	1.5Mbps	*na*	$ 850.00	*na*	*na*	*na*	$ -
	BRYVMAUN	1.5Mbps	*na*	$ 374.00	*na*	*na*	*na*	$ -
	BSRVMAST	1.5Mbps	*na*	$ 782.00	*na*	*na*	*na*	$ -
	BSTNMABE	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAFR	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAHA	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMABO	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAWH	1.5Mbps	*na*	$ 221.00	*na*	*na*	*na*	$ -

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	BURLMABE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	BVRLMAEL	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	BYTNMAMA	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	BZBYMAPE	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	CATNMANM	1.5Mbps	na	$ 238.00	na	na	na	$ -				
	CHCPMARI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CHCPMAWE	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CHESMAMU	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	CHFDMASB	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	CHFRMANO	1.5Mbps	na	$ 204.00	na	na	na	$ -				
	CHHMMAOH	1.5Mbps	na	$ 867.00	na	na	na	$ -				
	CHLMMAST	1.5Mbps	na	$ 782.00	na	na	na	$ -				
	CHLSMACH	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	CHMTMASO	1.5Mbps	na	$ 663.00	na	na	na	$ -				
	CLRNMAYA	1.5Mbps	na	$ 595.00	na	na	na	$ -				
	CLTNMACH	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	CMBRMABE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	CMBRMAWA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	CMTNMAMA	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	CNCRMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CNTNMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CNWYMASH	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	CRVRMAMA	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	CTMTMADE	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	DDHMMAWA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	DGTNMAEL	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	DLTNMACA	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	DNNSMAYA	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	DNVSMAHI	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	DRCHMAAD	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	DRCTMAMM	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	DXBRMACH	1.5Mbps	na	$ 434.00	na	na	na	$ -				
	EBSTMASA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	EBWRMABE	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	EDGLMAMA	1.5Mbps	na	$ 391.00	na	na	na	$ -				
	EDGRMAPP	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	EHMPMARA	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	ELNMMAPL	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	ESSXMASP	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	ESTNMANM	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	FKLNMAMC	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	FLMOMAMG	1.5Mbps	na	$ 697.00	na	na	na	$ -				
	FLRVMANM	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	FRMNMAUN	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	FTBGMAMA	1.5Mbps	na	$ 442.00	na	na	na	$ -				
	FXBOMACO	1.5Mbps	na	$ 221.00	na	na	na	$ -				
	GFTNMAWO	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	GLCSMAEL	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	GLVLMAHI	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	GNDLMASU	1.5Mbps	na	$ 272.00	na	na	na	$ -				
	GNFDMABP	1.5Mbps	na	$ 527.00	na	na	na	$ -				
	GRBRMABQ	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	GRBRMASC	1.5Mbps	na	$ 468.00	na	na	na	$ -				
	GRNBMAXA	1.5Mbps	na	$ 476.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	GRNRMAWE	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	GRTNMAHO	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	GRTWMAWI	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	GRVIMAWG	1.5Mbps	na	$ 459.00	na	na	na	$ -				
	HBTNMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	HDSNMAFR	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	HLDNMAHO	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	HLYKMAFW	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HLYKMAMH	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	HMPDMAMA	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	HMTNMAWI	1.5Mbps	na	$ 578.00	na	na	na	$ -				
	HNDLMASO	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HNHMMAGR	1.5Mbps	na	$ 434.00	na	na	na	$ -				
	HNTNMAMA	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	HNVRMACO	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HPTNMAHR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	HRVRMALI	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	HRWCMAMA	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	HSTNMAMA	1.5Mbps	na	$ 391.00	na	na	na	$ -				
	HTFDMACH	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HVHLMAWI	1.5Mbps	na	$ 731.00	na	na	na	$ -				
	HYNSMAOC	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HYPKMAHA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	INORMARL	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	IPSWMACO	1.5Mbps	na	$ 442.00	na	na	na	$ -				
	KGTNMASL	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	LDLWMAAJ	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LDLWMAWI	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	LEEEMAHI	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	LENXMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	LMNSMABQ	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	LMNSMASC	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	LNBGMASC	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LTTNMAKI	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LWRNMAAI	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LWRNMACA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LXTNMACS	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LXTNMAWA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LYFDMACA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	LYNNMACH	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	MARNMAMI	1.5Mbps	na	$ 408.00	na	na	na	$ -				
	MDLBMAJA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	MEFDMAPL	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	MEWYMAVI	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	MLBRMAGR	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	MLDNMAEL	1.5Mbps	na	$ 519.00	na	na	na	$ -				
	MLFLMACR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	MLFRMAWA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	MLISMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	MLTNMAAD	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	MNCHMASU	1.5Mbps	na	$ 179.00	na	na	na	$ -				
	MNFDMABR	1.5Mbps	na	$ 536.00	na	na	na	$ -				
	MNMTMAMA	1.5Mbps	na	$ 272.00	na	na	na	$ -				
	MNSNMAMA	1.5Mbps	na	$ 374.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MRBOMAFZ	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	MRBOMAMA	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	MRFDMAMA	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	MRMCMACE	1.5Mbps	na	$ 714.00	na	na	na	$ -				
	MSHPMAGN	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	MTAGMACE	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	MTPSMAMH	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	NADMMABP	1.5Mbps	na	$ 706.00	na	na	na	$ -				
	NADMMASU	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	NATLMAOE	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	NATNMAMA	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	NBFDMASM	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	NBFRMAAE	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	NBPTMAGR	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NCHLMAGR	1.5Mbps	na	$ 952.00	na	na	na	$ -				
	NCKTMAUN	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NDHMMAPI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NFRMMAED	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NRBOMASC	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	NRFDMAAE	1.5Mbps	na	$ 595.00	na	na	na	$ -				
	NRFDMAMA	1.5Mbps	na	$ 264.00	na	na	na	$ -				
	NRWDMAGC	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	NRWDMAVE	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	NRWLMAMA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	NWTNMAFD	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	NWTNMAWA	1.5Mbps	na	$ 408.00	na	na	na	$ -				
	OKHMMARU	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	ORLNMAYA	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	ORNGMASM	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	OSVLMAWB	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	OTISMAEO	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	OXFRMAWH	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	PBDYMACE	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	PLMOMACO	1.5Mbps	na	$ 230.00	na	na	na	$ -				
	PLMRMAPL	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	PPRLMAHI	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	PRTNMABO	1.5Mbps	na	$ 646.00	na	na	na	$ -				
	PRVNMAWI	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	PTFDMABF	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	PTFDMAFE	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	QNCYMADM	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	QNCYMAHA	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	RCMDMAXA	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	RCPTMAMA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	RDNGMALI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	REVRMABE	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	RKLDMAAY	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	RKLDMAWE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	RNDHMAME	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	ROCHMANO	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	RSSLMAMA	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	RTLDMAMA	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	RWLYMAHA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	RXBRMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	SALMMACQ	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	SALMMANO	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	SBDGMAMA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	SBTNMAFH	1.5Mbps	na	$ 1,012.00	na	na	na	$ -				
	SCNSMABH	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	SCTTMAFP	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	SDBRMABP	1.5Mbps	na	$ 459.00	na	na	na	$ -				
	SDFDMACO	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	SGMRMAYA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	SGTNMAWA	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	SHFDMAMA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	SHRNMAHI	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	SHRWMAGR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	SHRYMACH	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	SLFLMACR	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	SNDSMAOT	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	SOVLMACE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	SPFDMAWO	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	SPNCMAME	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	STBGMAMA	1.5Mbps	na	$ 663.00	na	na	na	$ -				
	STBRMAPI	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	STNGMABR	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	SWCKMACO	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	TMTNMAME	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	TNTNMAPL	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	TPFDMACE	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	TRFLMAAA	1.5Mbps	na	$ 536.00	na	na	na	$ -				
	TWBYMARO	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	TWNSMARA	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	TYNGMAKE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	UPTNMAPI	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	UXBRMACO	1.5Mbps	na	$ 400.00	na	na	na	$ -				
	VYHVMAED	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	WAHMMAHI	1.5Mbps	na	$ 544.00	na	na	na	$ -				
	WAREMABA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	WBSTMANE	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	WBTNMAPR	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	WHMNMAWA	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	WHVLMAPA	1.5Mbps	na	$ 400.00	na	na	na	$ -				
	WKFDMABE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	WLBGMAMA	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	WLBRMAMA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	WLHMMAJF	1.5Mbps	na	$ 230.00	na	na	na	$ -				
	WLHMMASP	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	WLHMMAWE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	WLLFMAMA	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	WLMGMAMA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	WLPLMASS	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	WLSLMALA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	WLTWMAWA	1.5Mbps	na	$ 799.00	na	na	na	$ -				
	WMNSMAEL	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	WNCHMAMA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	WNDNMAGR	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	WNTHMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	WNWBMAMA	1.5Mbps	na	$ 366.00	na	na	na	$ -
	WOTNMAWI	1.5Mbps	na	$ 502.00	na	na	na	$ -
	WPBDMAPI	1.5Mbps	na	$ 357.00	na	na	na	$ -
	WRCSMACE	1.5Mbps	na	$ 238.00	na	na	na	$ -
	WRHMMASO	1.5Mbps	na	$ 281.00	na	na	na	$ -
	WRRNMAQU	1.5Mbps	na	$ 306.00	na	na	na	$ -
	WRXBMABE	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WSBGMALE	1.5Mbps	na	$ 646.00	na	na	na	$ -
	WSBOMASU	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WSFDMAWA	1.5Mbps	na	$ 315.00	na	na	na	$ -
	WSFRMADE	1.5Mbps	na	$ 298.00	na	na	na	$ -
	WSPTMADR	1.5Mbps	na	$ 570.00	na	na	na	$ -
	WTTWMAWC	1.5Mbps	na	$ 281.00	na	na	na	$ -
	WYLDMABP	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WYMOMAMI	1.5Mbps	na	$ 289.00	na	na	na	$ -
T3 Access Circuits Rates By CLLI Code								
	CLLI Code							
	ACSHMAPL	45Mbps	na	$ 2,849.00	na	na	na	$ -
	ACTNMAMA	45Mbps	na	$ 3,026.00	na	na	na	$ -
	ADMSMAMA	45Mbps	na	$ 6,452.00	na	na	na	$ -
	AGWMMARO	45Mbps	na	$ 2,355.00	na	na	na	$ -
	AMHRMAFE	45Mbps	na	$ 3,689.00	na	na	na	$ -
	AMHRMASP	45Mbps	na	$ 3,596.00	na	na	na	$ -
	AMSBMAPL	45Mbps	na	$ 10,923.00	na	na	na	$ -
	ANDVMAEL	45Mbps	na	$ 2,457.00	na	na	na	$ -
	ANDVMAFM	45Mbps	na	$ 2,695.00	na	na	na	$ -
	ARTNMAPL	45Mbps	na	$ 2,457.00	na	na	na	$ -
	ASFDMAMA	45Mbps	na	$ 5,024.00	na	na	na	$ -
	ASHBMASO	45Mbps	na	$ 4,454.00	na	na	na	$ -
	ASHMMAPL	45Mbps	na	$ 4,735.00	na	na	na	$ -
	ASLDMAMA	45Mbps	na	$ 2,355.00	na	na	na	$ -
	ASNTMAMA	45Mbps	na	$ 3,613.00	na	na	na	$ -
	ATHOMARI	45Mbps	na	$ 5,491.00	na	na	na	$ -
	ATLBMABA	45Mbps	na	$ 2,661.00	na	na	na	$ -
	AUBNMALG	45Mbps	na	$ 2,924.00	na	na	na	$ -
	AYERMAPL	45Mbps	na	$ 3,307.00	na	na	na	$ -
	BARRMAJA	45Mbps	na	$ 4,259.00	na	na	na	$ -
	BCKTMAWA	45Mbps	na	$ 4,930.00	na	na	na	$ -
	BDFRMAPA	45Mbps	na	$ 1,556.00	na	na	na	$ -
	BITNMAWI	45Mbps	na	$ 2,355.00	na	na	na	$ -
	BKLIMAGG	45Mbps	na	$ 2,261.00	na	na	na	$ -
	BKLIMAMA	45Mbps	na	$ 2,304.00	na	na	na	$ -
	BLMTMALE	45Mbps	na	$ 2,457.00	na	na	na	$ -
	BLNDMAGL	45Mbps	na	$ 3,783.00	na	na	na	$ -
	BLRCMAAN	45Mbps	na	$ 1,496.00	na	na	na	$ -
	BLTWMAJA	45Mbps	na	$ 2,924.00	na	na	na	$ -
	BMFDMAWA	45Mbps	na	$ 2,737.00	na	na	na	$ -
	BOTNMAMA	45Mbps	na	$ 2,831.00	na	na	na	$ -
	BRLNMAHI	45Mbps	na	$ 2,644.00	na	na	na	$ -
	BRNRMACH	45Mbps	na	$ 5,593.00	na	na	na	$ -
	BRNSMAMA	45Mbps	na	$ 5,610.00	na	na	na	$ -
	BRNTMAWA	45Mbps	na	$ 1,556.00	na	na	na	$ -
	BRPKMAWI	45Mbps	na	$ 2,457.00	na	na	na	$ -
	BRTNMACR	45Mbps	na	$ 1,819.00	na	na	na	$ -
	BRWRMACH	45Mbps	na	$ 3,111.00	na	na	na	$ -

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	BRWSMAYA	45Mbps	na	$ 6,749.00	na	na	na	$ -				
	BRYVMAUN	45Mbps	na	$ 3,400.00	na	na	na	$ -				
	BSRVMAST	45Mbps	na	$ 6,180.00	na	na	na	$ -				
	BSTNMABE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAFR	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAHA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAWH	45Mbps	na	$ 1,590.00	na	na	na	$ -				
	BURLMABE	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	BVRLMAEL	45Mbps	na	$ 3,409.00	na	na	na	$ -				
	BYTNMAMA	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	BZBYMAPE	45Mbps	na	$ 4,276.00	na	na	na	$ -				
	CATNMANM	45Mbps	na	$ 1,930.00	na	na	na	$ -				
	CHCPMARI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	CHCPMAWE	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	CHESMAMU	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	CHFDMASB	45Mbps	na	$ 4,361.00	na	na	na	$ -				
	CHFRMANO	45Mbps	na	$ 1,556.00	na	na	na	$ -				
	CHHMMAOH	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	CHLMMAST	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	CHLSMACH	45Mbps	na	$ 2,355.00	na	na	na	$ -				
	CHMTMASO	45Mbps	na	$ 5,789.00	na	na	na	$ -				
	CLRNMAYA	45Mbps	na	$ 5,687.00	na	na	na	$ -				
	CLTNMACH	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	CMBRMABE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	CMBRMAWA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	CMTNMAMA	45Mbps	na	$ 4,930.00	na	na	na	$ -				
	CNCRMAWA	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	CNTNMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	CNWYMASH	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	CRVRMAMA	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	CTMTMADE	45Mbps	na	$ 4,089.00	na	na	na	$ -				
	DDHMMAWA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	DGTNMAEL	45Mbps	na	$ 3,426.00	na	na	na	$ -				
	DLTNMACA	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	DNNSMAYA	45Mbps	na	$ 6,273.00	na	na	na	$ -				
	DNVSMAHI	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	DRCHMAAD	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	DRCTMAMM	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	DXBRMACH	45Mbps	na	$ 4,072.00	na	na	na	$ -				
	EBSTMASA	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	EBWRMABE	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	EDGLMAMA	45Mbps	na	$ 3,876.00	na	na	na	$ -				
	EDGRMAPP	45Mbps	na	$ 5,134.00	na	na	na	$ -				
	EHMPMARA	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	ELNMMAPL	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	ESSXMASP	45Mbps	na	$ 3,978.00	na	na	na	$ -				
	ESTNMANM	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	FKLNMAMC	45Mbps	na	$ 2,950.00	na	na	na	$ -				
	FLMOMAMG	45Mbps	na	$ 4,182.00	na	na	na	$ -				
	FLRVMANM	45Mbps	na	$ 3,706.00	na	na	na	$ -				
	FRMNMAUN	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	FTBGMAMA	45Mbps	na	$ 4,165.00	na	na	na	$ -				
	FXBOMACO	45Mbps	na	$ 2,185.00	na	na	na	$ -				
	GFTNMAWO	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GLCSMAEL	45Mbps	na	$ 4,454.00	na	na	na	$ -				
	GLVLMAHI	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GNDLMASU	45Mbps	na	$ 2,737.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	GNFDMABP	45Mbps	na	$ 5,024.00	na	na	na	$ -				
	GRBRMABQ	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	GRBRMASC	45Mbps	na	$ 4,097.00	na	na	na	$ -				
	GRNBMAXA	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	GRNRMAWE	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GRTNMAHO	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	GRTWMAWI	45Mbps	na	$ 3,409.00	na	na	na	$ -				
	GRVIMAWG	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	HBTNMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	HDSNMAFR	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	HLDNMAHO	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	HLYKMAFW	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HLYKMAMH	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	HMPDMAMA	45Mbps	na	$ 3,596.00	na	na	na	$ -				
	HMTNMAWI	45Mbps	na	$ 5,500.00	na	na	na	$ -				
	HNDLMASO	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HNHMMAGR	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	HNTNMAMA	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	HNVRMACO	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HPTNMAHR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	HRVRMALI	45Mbps	na	$ 6,749.00	na	na	na	$ -				
	HRWCMAMA	45Mbps	na	$ 5,976.00	na	na	na	$ -				
	HSTNMAMA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	HTFDMACH	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HVHLMAWI	45Mbps	na	$ 5,610.00	na	na	na	$ -				
	HYNSMAOC	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HYPKMAHA	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	INORMARL	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	IPSWMACO	45Mbps	na	$ 4,063.00	na	na	na	$ -				
	KGTNMASL	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	LDLWMAAJ	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LDLWMAWI	45Mbps	na	$ 5,593.00	na	na	na	$ -				
	LEEEMAHI	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	LENXMAWA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	LMNSMABQ	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	LMNSMASC	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	LNBGMASC	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LTTNMAKI	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	LWRNMAAI	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	LXTNMACS	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	LXTNMAWA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LYFDMACA	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	LYNNMACH	45Mbps	na	$ 3,417.00	na	na	na	$ -				
	MARNMAMI	45Mbps	na	$ 3,706.00	na	na	na	$ -				
	MDLBMAJA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	MEFDMAPL	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	MEWYMAVI	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	MLBRMAGR	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	MLDNMAEL	45Mbps	na	$ 4,922.00	na	na	na	$ -				
	MLFLMACR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	MLFRMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	MLISMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	MLTNMAAD	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	MNCHMASU	45Mbps	na	$ 1,377.00	na	na	na	$ -				
	MNFDMABR	45Mbps	na	$ 5,015.00	na	na	na	$ -				
	MNMTMAMA	45Mbps	na	$ 2,542.00	na	na	na	$ -				
	MNSNMAMA	45Mbps	na	$ 3,213.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MRBOMAFZ	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	MRBOMAMA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	MRFDMAMA	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	MRMCMACE	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	MSHPMAGN	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	MTAGMACE	45Mbps	na	$ 3,035.00	na	na	na	$ -				
	MTPSMAMH	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	NADMMABP	45Mbps	na	$ 6,741.00	na	na	na	$ -				
	NADMMASU	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	NATLMAOE	45Mbps	na	$ 3,400.00	na	na	na	$ -				
	NATNMAMA	45Mbps	na	$ 3,494.00	na	na	na	$ -				
	NBFDMASM	45Mbps	na	$ 1,845.00	na	na	na	$ -				
	NBFRMAAE	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	NBPTMAGR	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	NCHLMAGR	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	NCKTMAUN	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	NDHMMAPI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	NFRMMAED	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	NRBOMASC	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	NRFDMAAE	45Mbps	na	$ 5,687.00	na	na	na	$ -				
	NRFDMAMA	45Mbps	na	$ 2,380.00	na	na	na	$ -				
	NRWDMAGC	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	NRWDMAVE	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	NRWLMAMA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	NWTNMAFD	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	NWTNMAWA	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	OKHMMARU	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	ORLNMAYA	45Mbps	na	$ 5,780.00	na	na	na	$ -				
	ORNGMASM	45Mbps	na	$ 5,134.00	na	na	na	$ -				
	OSVLMAWB	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	OTISMAEO	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	OXFRMAWH	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	PBDYMACE	45Mbps	na	$ 4,352.00	na	na	na	$ -				
	PLMOMACO	45Mbps	na	$ 2,100.00	na	na	na	$ -				
	PLMRMAPL	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	PPRLMAHI	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	PRTNMABO	45Mbps	na	$ 6,163.00	na	na	na	$ -				
	PRVNMAWI	45Mbps	na	$ 5,976.00	na	na	na	$ -				
	PTFDMABF	45Mbps	na	$ 6,069.00	na	na	na	$ -				
	PTFDMAFE	45Mbps	na	$ 4,828.00	na	na	na	$ -				
	QNCYMADM	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	QNCYMAHA	45Mbps	na	$ 7,285.00	na	na	na	$ -				
	RCMDMAXA	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	RCPTMAMA	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	RDNGMALI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	REVRMABE	45Mbps	na	$ 3,230.00	na	na	na	$ -				
	RKLDMAAY	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	RKLDMAWE	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	RNDHMAME	45Mbps	na	$ 3,511.00	na	na	na	$ -				
	ROCHMANO	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	RSSLMAMA	45Mbps	na	$ 3,494.00	na	na	na	$ -				
	RTLDMAMA	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	RWLYMAHA	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	RXBRMAWA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	SALMMACQ	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	SALMMANO	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	SBDGMAMA	45Mbps	na	$ 2,261.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	SBTNMAFH	45Mbps	na	$ 7,795.00	na	na	na	$ -				
	SCNSMABH	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	SCTTMAFP	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	SDBRMABP	45Mbps	na	$ 4,352.00	na	na	na	$ -				
	SDFDMACO	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	SGMRMAYA	45Mbps	na	$ 2,754.00	na	na	na	$ -				
	SGTNMAWA	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	SHFDMAMA	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	SHRNMAHI	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	SHRWMAGR	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	SHRYMACH	45Mbps	na	$ 5,304.00	na	na	na	$ -				
	SLFLMACR	45Mbps	na	$ 4,454.00	na	na	na	$ -				
	SNDSMAOT	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	SOVLMACE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	SPFDMAWO	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	SPNCMAME	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	STBGMAMA	45Mbps	na	$ 5,789.00	na	na	na	$ -				
	STBRMAPI	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	STNGMABR	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	SWCKMACO	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TMTNMAME	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TNTNMAPL	45Mbps	na	$ 2,950.00	na	na	na	$ -				
	TPFDMACE	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	TRFLMAAA	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TWBYMARO	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	TWNSMARA	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	TYNGMAKE	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	UPTNMAPI	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	UXBRMACO	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	VYHVMAED	45Mbps	na	$ 4,463.00	na	na	na	$ -				
	WAHMMAHI	45Mbps	na	$ 3,800.00	na	na	na	$ -				
	WAREMABA	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	WBSTMANE	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	WBTNMAPR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	WHMNMAWA	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	WHVLMAPA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	WKFDMABE	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	WLBGMAMA	45Mbps	na	$ 3,978.00	na	na	na	$ -				
	WLBRMAMA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	WLHMMAJF	45Mbps	na	$ 1,649.00	na	na	na	$ -				
	WLHMMASP	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	WLHMMAWE	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	WLLFMAMA	45Mbps	na	$ 7,217.00	na	na	na	$ -				
	WLMGMAMA	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	WLPLMASS	45Mbps	na	$ 2,754.00	na	na	na	$ -				
	WLSLMALA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	WLTWMAWA	45Mbps	na	$ 7,021.00	na	na	na	$ -				
	WMNSMAEL	45Mbps	na	$ 4,361.00	na	na	na	$ -				
	WNCHMAMA	45Mbps	na	$ 2,406.00	na	na	na	$ -				
	WNDNMAGR	45Mbps	na	$ 5,491.00	na	na	na	$ -				
	WNTHMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	WNWBMAMA	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	WOTNMAWI	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	WPBDMAPI	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	WRCSMACE	45Mbps	na	$ 1,930.00	na	na	na	$ -				
	WRHMMASO	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	WRRNMAQU	45Mbps	na	$ 2,831.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	WRXBMABE	45Mbps	na	$ 2,644.00	na	na	na	$ -
	WSBGMALE	45Mbps	na	$ 6,163.00	na	na	na	$ -
	WSBOMASU	45Mbps	na	$ 2,686.00	na	na	na	$ -
	WSFDMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -
	WSFRMADE	45Mbps	na	$ 2,550.00	na	na	na	$ -
	WSPTMADR	45Mbps	na	$ 3,417.00	na	na	na	$ -
	WTTWMAWC	45Mbps	na	$ 2,355.00	na	na	na	$ -
	WYLDMABP	45Mbps	na	$ 2,644.00	na	na	na	$ -
	WYMOMAMI	45Mbps	na	$ 2,457.00	na	na	na	$ -
Ethernet Access Pricing								
Type 2 Ethernet Access Circuit								
Rate Bands E, F, G and H excluded because Massachusetts Currently has no CLLIs in these Bands.								
	Rate Band A	**100Mb Interface**						
	Band A CLLI Codes:	1 Mbps	na	$ 863.00	na	na	na	$ -
	ATLBMABA	2	na	$ 876.00	na	na	na	$ -
	BITNMAWI	3	na	$ 888.00	na	na	na	$ -
	BRTNMACO	4	na	$ 901.00	na	na	na	$ -
	BSTNMABE	5	na	$ 914.00	na	na	na	$ -
	BSTNMAFR	6	na	$ 927.00	na	na	na	$ -
	CMBRMABE	7	na	$ 939.00	na	na	na	$ -
	DRCHMAAD	8	na	$ 952.00	na	na	na	$ -
	EBSTNMASA	9	na	$ 965.00	na	na	na	$ -
	FRMNMAUN	10	na	$ 978.00	na	na	na	$ -
	HYNSMAOC	20	na	$ 1,105.00	na	na	na	$ -
	HYPKMAHA	30	na	$ 1,233.00	na	na	na	$ -
	LWRNMACA	40	na	$ 1,360.00	na	na	na	$ -
	LYNNMACH	50	na	$ 1,488.00	na	na	na	$ -
	MLDNMAEL	**1000Mb Interface**						
	MRBOMAMA	1 Mbps	na	$ 1,713.00	na	na	na	$ -
	MSHPMAGN	2	na	$ 1,726.00	na	na	na	$ -
	NBFRMAAE	3	na	$ 1,738.00	na	na	na	$ -
	NWTNMAWA	4	na	$ 1,751.00	na	na	na	$ -
	PLMOMACO	5	na	$ 1,765.00	na	na	na	$ -
	REVRMABE	6	na	$ 1,777.00	na	na	na	$ -
	RXBRMAWA	7	na	$ 1,789.00	na	na	na	$ -
	SBTNMAEF	8	na	$ 1,802.00	na	na	na	$ -
	SPFDMAWO	9	na	$ 1,815.00	na	na	na	$ -
	WLHMMAWE	10	na	$ 1,828.00	na	na	na	$ -
	WLMGMAMA	20	na	$ 1,955.00	na	na	na	$ -
	WRCSMACE	30	na	$ 2,083.00	na	na	na	$ -
	WRXBMABE	40	na	$ 2,210.00	na	na	na	$ -
		50	na	$ 2,338.00	na	na	na	$ -
		60	na	$ 2,465.00	na	na	na	$ -
		70	na	$ 2,593.00	na	na	na	$ -
		80	na	$ 2,720.00	na	na	na	$ -
		90	na	$ 2,848.00	na	na	na	$ -
		100	na	$ 2,975.00	na	na	na	$ -
		200	na	$ 4,165.00	na	na	na	$ -
		300	na	$ 5,355.00	na	na	na	$ -
		400	na	$ 6,545.00	na	na	na	$ -
		500	na	$ 7,735.00	na	na	na	$ -
	Rate Band B	**100Mb Interface**						

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	Band B CLLI Codes:	1 Mbps	*na*	$ 935.00	*na*	*na*	*na*	$ -				
	AGWMMARO	2	*na*	$ 948.00	*na*	*na*	*na*	$ -				
	ASLDMAMA	3	*na*	$ 961.00	*na*	*na*	*na*	$ -				
	BKLIMAGG	4	*na*	$ 973.00	*na*	*na*	*na*	$ -				
	BKLIMAMA	5	*na*	$ 986.00	*na*	*na*	*na*	$ -				
	BLMTMALE	6	*na*	$ 999.00	*na*	*na*	*na*	$ -				
	BRTNMACR	7	*na*	$ 1,012.00	*na*	*na*	*na*	$ -				
	BSTNMABO	8	*na*	$ 1,024.00	*na*	*na*	*na*	$ -				
	BSTNMAHA	9	*na*	$ 1,037.00	*na*	*na*	*na*	$ -				
	CHCPMARI	10	*na*	$ 1,050.00	*na*	*na*	*na*	$ -				
	CHLSMACH	20	*na*	$ 1,177.00	*na*	*na*	*na*	$ -				
	CMBRMAWA	30	*na*	$ 1,305.00	*na*	*na*	*na*	$ -				
	DDHMMAWA	40	*na*	$ 1,432.00	*na*	*na*	*na*	$ -				
	GNDLMASU	50	*na*	$ 1,560.00	*na*	*na*	*na*	$ -				
	LMNSMASC	**1000Mb Interface**										
	MLTNMAAD	1 Mbps	*na*	$ 1,883.00	*na*	*na*	*na*	$ -				
	NANDMAAA	2	*na*	$ 1,896.00	*na*	*na*	*na*	$ -				
	SAGSMACE	3	*na*	$ 1,908.00	*na*	*na*	*na*	$ -				
	SOVLMACE	4	*na*	$ 1,921.00	*na*	*na*	*na*	$ -				
	WLHMMASP	5	*na*	$ 1,934.00	*na*	*na*	*na*	$ -				
	WNTHMAMA	6	*na*	$ 1,947.00	*na*	*na*	*na*	$ -				
	WTTWMAWC	7	*na*	$ 1,959.00	*na*	*na*	*na*	$ -				
		8	*na*	$ 1,972.00	*na*	*na*	*na*	$ -				
		9	*na*	$ 1,985.00	*na*	*na*	*na*	$ -				
		10	*na*	$ 1,998.00	*na*	*na*	*na*	$ -				
		20	*na*	$ 2,125.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,252.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,380.00	*na*	*na*	*na*	$ -				
		50	*na*	$ 2,508.00	*na*	*na*	*na*	$ -				
		60	*na*	$ 2,635.00	*na*	*na*	*na*	$ -				
		70	*na*	$ 2,763.00	*na*	*na*	*na*	$ -				
		80	*na*	$ 2,890.00	*na*	*na*	*na*	$ -				
		90	*na*	$ 3,018.00	*na*	*na*	*na*	$ -				
		100	*na*	$ 3,145.00	*na*	*na*	*na*	$ -				
		200	*na*	$ 4,335.00	*na*	*na*	*na*	$ -				
		300	*na*	$ 5,525.00	*na*	*na*	*na*	$ -				
		400	*na*	$ 6,715.00	*na*	*na*	*na*	$ -				
		500	*na*	$ 7,905.00	*na*	*na*	*na*	$ -				
	Rate Band C	**100Mb Interface**										
	Band C CLLI Codes:	1 Mbps	*na*	$ 1,041.00	*na*	*na*	*na*	$ -				
	ACSHMAPL, ANDVMAEL	2	*na*	$ 1,054.00	*na*	*na*	*na*	$ -				
	ARTNMAPL, AUBMALG	3	*na*	$ 1,067.00	*na*	*na*	*na*	$ -				
	BDFRMAPA, BLRCMAAN	4	*na*	$ 1,080.00	*na*	*na*	*na*	$ -				
	BRLNMAHI, BRNSMAMA	5	*na*	$ 1,092.00	*na*	*na*	*na*	$ -				
	BRPKMAWI, BSRVMAST	6	*na*	$ 1,105.00	*na*	*na*	*na*	$ -				
	BURLMABE, CHCPMAWE	7	*na*	$ 1,118.00	*na*	*na*	*na*	$ -				
	DXBRMACH, EBWRMABE	8	*na*	$ 1,131.00	*na*	*na*	*na*	$ -				
	ELNMMAPL, ESTNMAMC	9	*na*	$ 1,143.00	*na*	*na*	*na*	$ -				
	FTBGMAMA, HDSNMAFR	10	*na*	$ 1,156.00	*na*	*na*	*na*	$ -				
	HLSTMACH, INPRMARL	20	*na*	$ 1,284.00	*na*	*na*	*na*	$ -				
	KGTNMASL, LCSRMAGR	30	*na*	$ 1,411.00	*na*	*na*	*na*	$ -				
	LGMDMALO, LNBGMASC	40	*na*	$ 1,539.00	*na*	*na*	*na*	$ -				
	MLBRMAGR, MRBLMAPL	50	*na*	$ 1,666.00	*na*	*na*	*na*	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MTPSMAMH, NATLMAOE	**1000Mb Interface**										
	NDHMMAPI, NFRMMAED	1 Mbps	*na*	$ 2,138.00	*na*	*na*	*na*	$ -				
	NRDGMACE, NRTNMATA	2	*na*	$ 2,151.00	*na*	*na*	*na*	$ -				
	NTCKMAEC, OSVLMAWB	3	*na*	$ 2,163.00	*na*	*na*	*na*	$ -				
	PBDYMACE, QNCYMAHA	4	*na*	$ 2,176.00	*na*	*na*	*na*	$ -				
	RDNGMALI, RHBTMABA	5	*na*	$ 2,189.00	*na*	*na*	*na*	$ -				
	RKLDMAWE, RNDHMAME	6	*na*	$ 2,202.00	*na*	*na*	*na*	$ -				
	SGTNMAWA, SDBRMABP	7	*na*	$ 2,214.00	*na*	*na*	*na*	$ -				
	TWBYMARO, SHRWMAGR	8	*na*	$ 2,227.00	*na*	*na*	*na*	$ -				
	WKFDMABE, WHMNMAWA	9	*na*	$ 2,240.00	*na*	*na*	*na*	$ -				
	WNCHMAMA, WLSLMALA	10	*na*	$ 2,253.00	*na*	*na*	*na*	$ -				
	WYLLDMABP	20	*na*	$ 2,380.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,508.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,635.00	*na*	*na*	*na*	$ -				
		50	*na*	$ 2,763.00	*na*	*na*	*na*	$ -				
		60	*na*	$ 2,890.00	*na*	*na*	*na*	$ -				
		70	*na*	$ 3,018.00	*na*	*na*	*na*	$ -				
		80	*na*	$ 3,145.00	*na*	*na*	*na*	$ -				
		90	*na*	$ 3,273.00	*na*	*na*	*na*	$ -				
		100	*na*	$ 3,400.00	*na*	*na*	*na*	$ -				
		200	*na*	$ 4,590.00	*na*	*na*	*na*	$ -				
		300	*na*	$ 5,780.00	*na*	*na*	*na*	$ -				
		400	*na*	$ 6,970.00	*na*	*na*	*na*	$ -				
		500	*na*	$ 8,160.00	*na*	*na*	*na*	$ -				
	Rate Band D	**100Mb Interface**										
	Band D CLLI Codes:	1 Mbps	*na*	$ 1,165.00	*na*	*na*	*na*	$ -				
	AYERMAPL, AYERMAPL	2	*na*	$ 1,177.00	*na*	*na*	*na*	$ -				
	BOTNMAMA, BOTNMAMA	3	*na*	$ 1,190.00	*na*	*na*	*na*	$ -				
	BRNTMAWA, BRNTMAWA	4	*na*	$ 1,203.00	*na*	*na*	*na*	$ -				
	BRWRMACH, BRWRMACH	5	*na*	$ 1,216.00	*na*	*na*	*na*	$ -				
	BVRLMAEL, BVRLMAEL	6	*na*	$ 1,228.00	*na*	*na*	*na*	$ -				
	BYTNMAMA, BYTNMAMA	7	*na*	$ 1,241.00	*na*	*na*	*na*	$ -				
	CHFRMANO, CHFRMANO	8	*na*	$ 1,254.00	*na*	*na*	*na*	$ -				
	CLTNMACH, CLTNMACH	9	*na*	$ 1,267.00	*na*	*na*	*na*	$ -				
	CNCRMAWA, CNCRMAWA	10	*na*	$ 1,279.00	*na*	*na*	*na*	$ -				
	CNTNMAWA, CNTNMAWA	20	*na*	$ 1,407.00	*na*	*na*	*na*	$ -				
	CRVRMAMA, CRVRMAMA	30	*na*	$ 1,535.00	*na*	*na*	*na*	$ -				
	CTMTADE, CTMTADE	40	*na*	$ 1,662.00	*na*	*na*	*na*	$ -				
	DNNSAYA, DNNSAYA	50	*na*	$ 1,789.00	*na*	*na*	*na*	$ -				
	DNVSMAHI, DNVSMAHI	**1000Mb Interface**										
	DRCTMAMM, DRCTMAMM	1 Mbps	*na*	$ 2,435.00	*na*	*na*	*na*	$ -				
	FXBOMACO, FXBOMACO	2	*na*	$ 2,448.00	*na*	*na*	*na*	$ -				
	GFTNMAWO, GFTNMAWO	3	*na*	$ 2,461.00	*na*	*na*	*na*	$ -				
	HLDNMAHI, HLDNMAHI	4	*na*	$ 2,474.00	*na*	*na*	*na*	$ -				
	HLYKMAMA, HLYKMAMA	5	*na*	$ 2,486.00	*na*	*na*	*na*	$ -				
	HNHMMAGR, HNHMMAGR	6	*na*	$ 2,499.00	*na*	*na*	*na*	$ -				
	HPTNMAHR	7	*na*	$ 2,512.00	*na*	*na*	*na*	$ -				
		8	*na*	$ 2,525.00	*na*	*na*	*na*	$ -				
		9	*na*	$ 2,537.00	*na*	*na*	*na*	$ -				
		10	*na*	$ 2,550.00	*na*	*na*	*na*	$ -				
		20	*na*	$ 2,678.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,805.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,933.00	*na*	*na*	*na*	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
		50	na	$ 3,060.00	na	na	na	$ -				
		60	na	$ 3,188.00	na	na	na	$ -				
		70	na	$ 3,315.00	na	na	na	$ -				
		80	na	$ 3,443.00	na	na	na	$ -				
		90	na	$ 3,570.00	na	na	na	$ -				
		100	na	$ 3,698.00	na	na	na	$ -				
		200	na	$ 4,888.00	na	na	na	$ -				
		300	na	$ 6,078.00	na	na	na	$ -				
		400	na	$ 7,268.00	na	na	na	$ -				
		500	na	$ 8,458.00	na	na	na	$ -				
	Rate Band I	**100Mb Interface**										
	Band I CLLI Codes:	1 Mbps	na	$ 1,322.00	na	na	na	$ -				
	ASHBMASO	2	na	$ 1,335.00	na	na	na	$ -				
	ASHMMAPL	3	na	$ 1,347.00	na	na	na	$ -				
	ASNTMAMA	4	na	$ 1,360.00	na	na	na	$ -				
	BZBYMAPE	5	na	$ 1,373.00	na	na	na	$ -				
	CATNMANM	6	na	$ 1,386.00	na	na	na	$ -				
	DGTNMAEL	7	na	$ 1,398.00	na	na	na	$ -				
	ESSXMASP	8	na	$ 1,411.00	na	na	na	$ -				
	FKLNMAMC	9	na	$ 1,424.00	na	na	na	$ -				
	GRNRMAWE	10	na	$ 1,437.00	na	na	na	$ -				
	GRTNMAHO	20	na	$ 1,564.00	na	na	na	$ -				
	GRTWMAWI	30	na	$ 1,692.00	na	na	na	$ -				
	HMTNMAWI	40	na	$ 1,819.00	na	na	na	$ -				
	HNVRMACO	50	na	$ 1,947.00	na	na	na	$ -				
	LTTNMAKI	**1000Mb Interface**										
	MDLBMAJA	1 Mbps	na	$ 2,665.00	na	na	na	$ -				
	MLFRMAWA	2	na	$ 2,831.00	na	na	na	$ -				
	MNSNMAMA	3	na	$ 2,843.00	na	na	na	$ -				
	MRFDMAMA	4	na	$ 2,856.00	na	na	na	$ -				
	MRMCMACE	5	na	$ 2,869.00	na	na	na	$ -				
	NATNMAMA	6	na	$ 2,882.00	na	na	na	$ -				
	NCHLMAGR	7	na	$ 2,895.00	na	na	na	$ -				
	OKHMMARU	8	na	$ 2,907.00	na	na	na	$ -				
	OXFRMAWH	9	na	$ 2,920.00	na	na	na	$ -				
	PLMRMAPL	10	na	$ 2,933.00	na	na	na	$ -				
	ROCHMANO	20	na	$ 3,060.00	na	na	na	$ -				
	RTLDMAMA	30	na	$ 3,188.00	na	na	na	$ -				
	SBDGMAMA	40	na	$ 3,315.00	na	na	na	$ -				
	SGMRMAYA	50	na	$ 3,442.50	na	na	na	$ -				
	TPFDMACE	60	na	$ 3,570.00	na	na	na	$ -				
	TYNGMAKE	70	na	$ 3,698.00	na	na	na	$ -				
	WAHMMAHI	80	na	$ 3,825.00	na	na	na	$ -				
	WHVLMAPA	90	na	$ 3,953.00	na	na	na	$ -				
	WNWBMAMA	100	na	$ 4,080.00	na	na	na	$ -				
	WSFRMADE	200	na	$ 5,270.00	na	na	na	$ -				
	YHVMAED	300	na	$ 6,460.00	na	na	na	$ -				
		400	na	$ 7,650.00	na	na	na	$ -				
		500	na	$ 8,840.00	na	na	na	$ -				
	Rate Band J	**100Mb Interface**										
	Band J CLLI Codes:	1 Mbps	na	$ 1,500.00	na	na	na	$ -				
	AMHRMAFE	2	na	$ 1,513.00	na	na	na	$ -				
	AMHRMASP	3	na	$ 1,526.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	BLNDMAGL	4	na	$ 1,539.00	na	na	na	$ -
	BLTWMAJA	5	na	$ 1,551.00	na	na	na	$ -
	CHESMAMU	6	na	$ 1,564.00	na	na	na	$ -
	CHHMMAOH	7	na	$ 1,577.00	na	na	na	$ -
	CHLMMAST	8	na	$ 1,590.00	na	na	na	$ -
	EDGRMAPP	9	na	$ 1,602.00	na	na	na	$ -
	GLCSMAEL	10	na	$ 1,615.00	na	na	na	$ -
	GRVIMAWG	20	na	$ 1,743.00	na	na	na	$ -
	HNTNMAMA	30	na	$ 1,870.00	na	na	na	$ -
	HTFDMACH	40	na	$ 1,998.00	na	na	na	$ -
	IPSWMACO	50	na	$ 2,125.00	na	na	na	$ -
	NBPTMAGR	**1000Mb Interface**						
	ORLNMAYA	1 Mbps	na	$ 3,243.00	na	na	na	$ -
	SCTTMAFP	2	na	$ 3,256.00	na	na	na	$ -
	STBGMAMA	3	na	$ 3,268.00	na	na	na	$ -
	TMTNMAME	4	na	$ 3,281.00	na	na	na	$ -
	UXBRMACO	5	na	$ 3,294.00	na	na	na	$ -
	WBSMANE	6	na	$ 3,307.00	na	na	na	$ -
	WNDNMAGR	7	na	$ 3,319.00	na	na	na	$ -
		8	na	$ 3,332.00	na	na	na	$ -
		9	na	$ 3,345.00	na	na	na	$ -
		10	na	$ 3,358.00	na	na	na	$ -
		20	na	$ 3,485.00	na	na	na	$ -
		30	na	$ 3,613.00	na	na	na	$ -
		40	na	$ 3,740.00	na	na	na	$ -
		50	na	$ 3,868.00	na	na	na	$ -
		60	na	$ 3,995.00	na	na	na	$ -
		70	na	$ 4,123.00	na	na	na	$ -
		80	na	$ 4,250.00	na	na	na	$ -
		90	na	$ 4,378.00	na	na	na	$ -
		100	na	$ 4,505.00	na	na	na	$ -
		200	na	$ 5,695.00	na	na	na	$ -
		300	na	$ 6,885.00	na	na	na	$ -
		400	na	$ 8,075.00	na	na	na	$ -
		500	na	$ 9,265.00	na	na	na	$ -
Type 1 / On-Net Ethernet Access Pricing								
Type 1 Access Requires Dedicated Fiber Access to the Verizon Business Network (Lit-Building)								
Type 1 Access Requires a Fiber Cross Connect in the POP. NRC = $400, MRC = $100, reflected in the pricing below								
	On-Net Converged Ethernet Access	1 Mbps	na	$ 379.00	na	na	na	$ 400.00
		2	na	$ 414.00	na	na	na	$ 400.00
		3	na	$ 441.00	na	na	na	$ 400.00
		4	na	$ 466.00	na	na	na	$ 400.00
		5	na	$ 476.00	na	na	na	$ 400.00
		6	na	$ 495.00	na	na	na	$ 400.00
		7	na	$ 500.00	na	na	na	$ 400.00
		8	na	$ 521.00	na	na	na	$ 400.00
		9	na	$ 537.00	na	na	na	$ 400.00
		10	na	$ 553.00	na	na	na	$ 400.00
		15	na	$ 686.00	na	na	na	$ 400.00
		20	na	$ 727.00	na	na	na	$ 400.00
		25	na	$ 743.00	na	na	na	$ 400.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
		30	na	$ 797.00	na	na	na	$ 400.00
		35	na	$ 841.00	na	na	na	$ 400.00
		40	na	$ 884.00	na	na	na	$ 400.00
		50	na	$ 938.00	na	na	na	$ 400.00
		60	na	$ 1,085.00	na	na	na	$ 400.00
		70	na	$ 1,169.00	na	na	na	$ 400.00
		80	na	$ 1,187.00	na	na	na	$ 400.00
		90	na	$ 1,255.00	na	na	na	$ 400.00
		100	na	$ 1,263.00	na	na	na	$ 400.00
		150	na	$ 1,828.00	na	na	na	$ 400.00
		200	na	$ 2,260.00	na	na	na	$ 400.00
		250	na	$ 2,707.00	na	na	na	$ 400.00
		300	na	$ 2,999.00	na	na	na	$ 400.00
		350	na	$ 3,223.00	na	na	na	$ 400.00
		400	na	$ 3,441.00	na	na	na	$ 400.00
		450	na	$ 3,593.00	na	na	na	$ 400.00
		500	na	$ 3,646.00	na	na	na	$ 400.00
		600	na	$ 3,930.00	na	na	na	$ 400.00
		700	na	$ 4,194.00	na	na	na	$ 400.00
		800	na	$ 4,342.00	na	na	na	$ 400.00
		900	na	$ 4,369.00	na	na	na	$ 400.00
		1000	na	$ 4,393.00	na	na	na	$ 400.00
Secure Internet Gateway Service								
Secure Internet Gateway Service (SIG) requires VZB's Private IP (MPLS) service. SIG includes direct Internet Access from the PIP cloud along with network based firewalling. PIP can be purchased from ITT09.								
	Port Speeds (kbps)							
		128	$133.00	See ITT09	na	See ITT09	$133.00	$100.00
		256	$195.00	See ITT09	na	See ITT09	$195.00	$100.00
		384	$242.00	See ITT09	na	See ITT09	$242.00	$100.00
		512	$281.00	See ITT09	na	See ITT09	$281.00	$100.00
		768	$410.00	See ITT09	na	See ITT09	$410.00	$100.00
		1,024	$527.00	See ITT09	na	See ITT09	$527.00	$100.00
		1,536	$780.00	See ITT09	na	See ITT09	$780.00	$200.00
		3,072	$1,326.00	See ITT09	na	See ITT09	$1,326.00	$600.00
		4,608	$1,521.00	See ITT09	na	See ITT09	$1,521.00	$600.00
		6,144	$2,028.00	See ITT09	na	See ITT09	$2,028.00	$600.00
		7,680	$2,535.00	See ITT09	na	See ITT09	$2,535.00	$600.00
		9,216	$3,042.00	See ITT09	na	See ITT09	$3,042.00	$600.00
		10,752	$3,549.00	See ITT09	na	See ITT09	$3,549.00	$600.00
		12,288	$4,056.00	See ITT09	na	See ITT09	$4,056.00	$600.00
		15,360	$5,070.00	See ITT09	na	See ITT09	$5,070.00	$600.00
		18,432	$5,842.00	See ITT09	na	See ITT09	$5,842.00	$600.00
		25,600	$7,792.00	See ITT09	na	See ITT09	$7,792.00	$600.00
		43,008	$12,574.00	See ITT09	na	See ITT09	$12,574.00	$600.00
		50,000	$14,040.00	See ITT09	na	See ITT09	$14,040.00	$1,000.00
		60,000	$16,177.00	See ITT09	na	See ITT09	$16,177.00	$1,000.00
		70,000	$18,119.00	See ITT09	na	See ITT09	$18,119.00	$1,000.00
		80,000	$19,882.00	See ITT09	na	See ITT09	$19,882.00	$1,000.00
		90,000	$21,473.00	See ITT09	na	See ITT09	$21,473.00	$1,000.00
		100,000	$22,909.00	See ITT09	na	See ITT09	$22,909.00	$1,000.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
		155,000	$34,094.00	*See ITT09*	*na*	*See ITT09*	$34,094.00	$1,000.00
		622,000	$131,344.00	*See ITT09*	*na*	*See ITT09*	$131,344.00	$1,000.00
	Custom Firewall Feature	*na*	$156.00	*na*	*na*	*na*	*na*	$ -
DSL Internet Access Services								
	All DSL Services Require Loop Qualification to Determine Availability							
	DSL SOLO Product Requires a customer Provided POTS Line							
	SLAs do not Apply to DSL							
X	**DSL SOLO Internet Access**							
	DSL - Solo 384k COVAD	384Kbps	$ 50.00	*Existing POTS*	*na*	*na*	$ 50.00	$ 100.00
	DSL - Solo 768k New Edge	768Kbps	$ 69.00	*Existing POTS*	*na*	*na*	$ 69.00	$ 200.00
	DSL - Solo 1.5M COVAD	1.5Mbps	$ 89.00	*Existing POTS*	*na*	*na*	$ 89.00	$ 180.00
	DSL - Solo 3M COVAD	3Mbps	$ 109.00	*Existing POTS*	*na*	*na*	$ 109.00	$ 180.00
	DSL - Solo 6M COVAD	6Mbps	$ 159.00	*Existing POTS*	*na*	*na*	$ 159.00	$ 180.00
	DSL- Solo1.5M New Edge	1.5Mbps	$ 89.00	*Existing POTS*	*na*	*na*	$ 89.00	$ 200.00
	DSL Solo 3 M New Edge	3Mbps	$ 109.00	*Existing POTS*	*na*	*na*	$ 109.00	$ 200.00
	DSL Solo 6 M New Edge	6Mbps	$ 159.00	*Existing POTS*	*na*	*na*	$ 159.00	$ 200.00
	DSL Office Internet Access*							
	DSL - Office 128k	128Kbps	$ 120.00	*included*	*na*	*na*	$ 120.00	$ 320.00
	DSL Office 192k	192Kbps	$ 140.00	*included*	*na*	*na*	$ 140.00	$ 320.00
	DSL - Office 384k	384Kbps	$ 160.00	*included*	*na*	*na*	$ 160.00	$ 320.00
	DSL - Office 768k	768Kbps	$ 200.00	*included*	*na*	*na*	$ 200.00	$ 320.00
	DSL - Office 1M	1Mbps	$ 240.00	*included*	*na*	*na*	$ 240.00	$ 320.00
	DSL - Office 1.5M	1.5Mbps	$ 320.00	*included*	*na*	*na*	$ 320.00	$ 320.00
	Static IP Address for DSL							
	(applies to 1.5M and above)							
	Block of 6	*na*	$ 10.00	*na*	*na*	*na*	*na*	$ -
	14	*na*	$ 15.00	*na*	*na*	*na*	*na*	$ -
	30	*na*	$ 20.00	*na*	*na*	*na*	*na*	$ -
	62	*na*	$ 35.00	*na*	*na*	*na*	*na*	$ -
	126	*na*	$ 45.00	*na*	*na*	*na*	*na*	$ -
	254	*na*	$ 65.00	*na*	*na*	*na*	*na*	$ -
Satellite Internet Access Services								
	INTERNET Satellite ENTERPRISE Service							
	Service Tier							
	Primary 128 x 128 Kbps	128Kbps	$ 403.75	*na*	*na*	*na*	$ 403.75	$ 3,661.00
	Primary 256 x 128 Kbps	256	$ 432.25	*na*	*na*	*na*	$ 432.25	$ 3,661.00
	Primary 384 x 128 Kbps	384	$ 565.25	*na*	*na*	*na*	$ 565.25	$ 3,661.00
	Primary 512 x 128 Kbps	512	$ 1,040.25	*na*	*na*	*na*	$ 1,040.25	$ 3,661.00
	Primary 1024 x 128 Kbps	1024	$ 1,420.25	*na*	*na*	*na*	$ 1,420.25	$ 3,661.00
	Primary 1544 x 256 Kbps	1544	$ 1,895.25	*na*	*na*	*na*	$ 1,895.25	$ 3,661.00
	Primary 1544 x 512 Kbps	1544	$ 2,845.25	*na*	*na*	*na*	$ 2,845.25	$ 3,661.00
	Primary 2048 x 256 Kbps	2048	$ 2,180.25	*na*	*na*	*na*	$ 2,180.25	$ 3,661.00
	Primary 2048 x 512 Kbps	2048	$ 3,035.25	*na*	*na*	*na*	$ 3,035.25	$ 3,661.00
	Back-Up 1544 x 256 Kbps	1544	$ 327.75	*na*	*na*	*na*	$ 327.75	$ 3,661.00
	Back-Up 1544 x 512 Kbps	1544	$ 422.75	*na*	*na*	*na*	$ 422.75	$ 3,661.00
	Back-Up 2048 x 256 Kbps	2048	$ 356.25	*na*	*na*	*na*	$ 356.25	$ 3,661.00

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Back-Up 2048 x 512 Kbps	2048	$ 451.25	na	na	na	$ 451.25	$ 3,661.00
INTERNET Satellite OFFICE Service							
Service Tier							
Primary 384 x 128 Kbps	384 Kbps	$ 308.75	na	na	na	$ 308.75	$ 2,500.00
Primary 768 x 256 Kbps	768	$ 498.75	na	na	na	$ 498.75	$ 2,500.00
Primary 1.544 x 256 Kbps	1.544Mbps	$ 688.75	na	na	na	$ 688.75	$ 2,500.00
Manage Internet Access Service Option							
Management Charges							
Small Router (Cisco 1xxx and 2xxx, or Adtr	na	$ 118.58	na	na	na	$ 118.58	$ 500.00
Medium Router (Cisco 3xxx and 4xxx)	na	$ 153.00	na	na	na	$ 153.00	$ 500.00
Large Router (Cisco 7xxx)	na	$ 256.28	na	na	na	$ 256.28	$ 500.00
Enhanced Feature – Embedded Firewall (CISCO Only)							
Embedded Firewall – Small	na	$ 50.00	na	na	na	$ 50.00	$ 125.00
Embedded Firewall – Medium	na	$ 70.00	na	na	na	$ 70.00	$ 125.00
Embedded Firewall – Large	na	$ 120.00	na	na	na	$ 120.00	$ 125.00
Reporting						$ -	$ 125.00
Enhanced Feature – Content Filtering (CISCO Only)							
(Not Erate/CIPA Compliant)							
Content Filtering – Small	na	$ 10.00	na	na	na	$ 10.00	$ 125.00
Content Filtering – Medium	na	$ 15.00	na	na	na	$ 15.00	$ 125.00
Content Filtering – Large	na	$ 25.00	na	na	na	$ 25.00	$ 125.00
Content Delivery Module - Small		$ 40.00				$ 40.00	$ 125.00
Enhanced Feature – Ethernet LAN (CISCO Only)							
Ethernet LAN – 4 or 9 Port (mgmt. only)	na	$ 35.00	na	na	na	$ 35.00	$ 125.00
Ethernet LAN PoE – 4 or 9 Port (mgmt. onl	na	$ 35.00	na	na	na	$ 35.00	$ 125.00

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Additional Services							
Customer will pay the following NRC per router regardless of router size							
Managed Implementation							$ 600.00
Management Takeover							$ 100.00
Expedite Charge - Request to activate router in 15 days or less							$ 1,400.00
After-hours Premium - Performed outside normal business hours, defined as 7am to 8pm EST							$ 600.00
Router Deactivation - Disconnect of router							$ 300.00
Additional Fees							
Carrier Recovery Charge	*Percentage of Access Cha*	2.17%	*na*	*na*	*na*	2.17%	$ -
Single Line Business Line	*per line*	$ -	*na*	*na*	*na*	$ -	$ -
Multi Line Business Line	per line	$ 2.05	*na*	*na*	*na*	$ 2.05	
Below is Example Pricing for RFR evaluation purposes only.							
Technology	**Bandwidth**	**Port Cost ($-per-month)**	**Access Cost ($ monthly)**	**Cost per mile ($ monthly)**	**QoS Cost ($ monthly)**	**Total Monthly Cost**	**Total NRC (non-recurring cost)**
Sample location costs							
Address	**NPN/NNX**						
10 Park Plaza, Boston (CLLI = BSTN	617-973	$ 315.74	$ 178.50	*included*	*na*	$ 494.24	$ -
200 Arlington Street, Chelsea (CLLI	617-626	$ 315.74	$ 178.50	*included*	*na*	$ 494.24	$ -
11 Lincoln Street, Plymouth (CLLI =	508-747	$ 315.74	$ 229.50	*included*	*na*	$ 545.24	$ -
20 East Worcester St., Worcester (	508-929	$ 315.74	$ 238.00	*included*	*na*	$ 553.74	$ -
25 West Street, Leominster (CLLI =	978-534	$ 315.74	$ 416.50	*included*	*na*	$ 732.24	$ -
36 Court Street, Springfield (CLLI =	413-787	$ 315.74	$ 348.50	*included*	*na*	$ 664.24	$ -
452 Main Road, Monterey (CLLI = GI	413-528	$ 315.74	$ 467.50	*included*	*na*	$ 783.24	$ -
439 South Union Street, Lawrence	978-722	$ 315.74	$ 195.50	*included*	*na*	$ 511.24	$ -
37 Main Street, North Adams (CLLI	413-663	$ 315.74	$ 280.50	*included*	*na*	$ 596.24	$ -

Cost Table 24.0

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

Instructions for Cost Table 24.0

Market Basket Item Description	Proposed Monthly Cost	Proposed One-Time Cost
TLS	Month to Month****	
10 Meg**	$1,200.00	$1,300.00
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$2,400.00	$1,300.00
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$4,000.00	$1,300.00
GigE Interoffice Mileage (per mile)	$100.00	
	36 Month***	
10 Meg**	$1,000.00	
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$2,000.00	
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$3,500.00	
GigE Interoffice Mileage (per mile)	$100.00	
	60 Month***	
10 Meg**	$900.00	
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$1,800.00	
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$3,200.00	
GigE Interoffice Mileage (per mile)	$100.00	
TLS/Domain LAN- Per Location Per Change		$400.00
Available Matrix Pricing for Agencies w/ over 25 TLS Sites* (see notes about ramp-up and commitments)	**Monthly Cost**	**One-Time Cost**
10Meg	36 Month	
25-49 Circuits	$930.00	N/A
50-99 Circuits	$825.00	N/A
100-149 Circuits	$800.00	N/A
150+ Circuits	$775.00	N/A

Cost Table 24.0

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

Interoffice Mileage (per mile)	$100.00	N/A

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

10Meg	60 Month	
25-49 Circuits	$845.00	N/A
50-99 Circuits	$768.75	N/A
100-149 Circuits	$730.00	N/A
150+ Circuits	$698.75	N/A
Interoffice Mileage (per mile)	$100.00	N/A
If a customer maintains a minimum of 50 Circuits (any speed), they may also take advantage of the following discounted 100Meg and 1000Meg (GigE) pricing.		
100Meg	36 Month	60 Month
	$1,775.00	$1,575.00
GigE	36 Month	60 Month
	$2,750.00	$2,475.00

* Non-recurring charge applicable for Month to Month only. There is no non-recurring charge for the 36 or 60 month options.

**Special construction charges may apply. These charges will be presented upfront to the agency and be included in the proposal. Customer premise conduit costs are not included in this quote. The customer is responsible for providing any conduit required on their property

***Stranded investment charges will apply if the agency cancels the service prior to the end of the selected term.
The stranded investment is detailed below and will not apply until after the second access channel is installed for this network as defined in the ITT09 Agreement.

**** Month to Month service must be installed for a minimum of 9 months.

Canoga Perkins equipment will be used at customer location to provide the lines.

Stranded Investment:

Cost Table 24.0

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

Stranded Investment Schedule	Month to Month*	36 Month**	60 Month***
10Meg			
1-24 Circuits	$2,700.00	$9,000.00	$13,500.00
25-49 Circuits		$8,370.00	$12,675.00
50-99 Circuits		$7,425.00	$11,531.25
100-149 Circuits		$7,200.00	$10,950.00
150+ Circuits		$6,975.00	$10,481.25
100 Meg	$5,400.00	$15,975.00	$23,625.00
Gig E	$9,000.00	$24,750.00	$37,125.00
Interoffice Mileage (per mile)	$225.00	$900.00	$1,500.00

* 1/12th of this figure is reduced for each month that the element remains in service

** 1/36th of this figure is reduced for each month that the element remains in service.

*** 1/60th of this figure is reduced for each month that the element remains in service.

Stranded Investment would not apply until after the second access channel is installed for this network as defined in this agreement. When an order is cancelled or changed by the Customer in whole or in part after completion of the construction and installation but prior to the establishment of service, the Customer is required to pay the applicable minimum and stranded investment charges specified in this agreement and any applicable nonrecurring, connection and construction charges.

The stranded investment will not apply if:

1. The Eligible Entity moves to a new location and maintains the service for the remainder of the term;
2. The Eligible Entity attempts to move the existing service to a new location within Verizon's service area and the service is unavailable
3. Eligible Entity renegotiates a new term plan for the same service before the current plan expires and the value of the new term plan is equal to or greater than the remaining value of the current plan,
4. Or the Eligible Entity changes to another service or upgrades the service to a higher speed or capacity under a term commitment and the new term plan is equal or greater than the remaining value of the current term plan, Verizon provides the new service via applicable Massachusetts State Tariff or ITT09, and the order to discontinue the existing service and order the new or upgraded service are received at the same time.
5. If the Eligible Entity is has already been billed and has satisfied the stranded investment threshold of their current agreement.

Ramp-Up Period:

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

A ramp up period is defined as a period of the time that the Customer and Verizon have to complete the installation of the TLS network ordered under this agreement. Customers selecting a 36 month plan have a 12 month "ramp up period" and Customers selecting a 60 month plan have an 18 month period of time to complete the installation of the TLS order. Ramp-up period begins upon the installation of the first Access Channel installed for this network as defined within this Agreement. The Customer shall not be penalized for a failure to meet the requirements of this paragraph if due to Verizon's failure to meet its commitments for service installation. However, the Customer may not request a delay in Verizon's installation of the quantity commitment that would not be consistent with completing the installation during the Ramp-Up period.
Stranded Investment would not apply until after the second access channel is installed for this network as defined in this agreement. When an order is cancelled or changed by the Customer in whole or in part after completion of the construction and installation but prior to the establishment of service, the Customer is required to pay the applicable minimum and stranded investment charges specified in this agreement and any applicable nonrecurring, connection and construction charges.

Review Period
Shall commence at the end of the Ramp-Up Period. During the Review Period, Verizon will confirm that the Customer has met their commitment by confirming the number of circuits installed during the Ramp-Up Period. If the Customer has met their commitment. the Customer will be receive a credit equivalent to the discounted quantity rates for the duration of the Ramp-Up Period as well as for the remainder of the Service Period. All applicable billing rate changes will be effective at the next billing cycle after the Ramp-Up Period

Service Period:
The Commonwealth and its Eligible Entities authorized to purchase from the statewide contract may select TLS from the Service Periods herein. A service period is defined as the length of time that the Customer selects to keep the service- i.e. 36 or 60 months. If Customer selects a Service Period that extends beyond the existing Service Period of the Commonwealth Contract, ITT09, then Customer shall be obligated to continue service for the Service Period selected, under the Terms and Conditions of ITT09, as if ITT09 were then still in effect; or, if Customer terminates service prior to the end of the selected Service Period, Verizon shall bill Customer a stranded investment charge as defined herein.

Tiered Offer Description:

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

To qualify for the rates outlined above the eligible entity with one VLAN (Customer) must purchase at least twenty five TLS circuit (minimum quantity) on a single CNS form. Verizon will bill the Customer at the single unit TLS prices beginning with the first circuit installed. Verizon will review Customer's account at the conclusion of the Ramp-up period. If the Customer has met their commitment.during the Ramp up period the Customer will be receive a credit equivalent to the discounted quantity rates for the duration of the Ramp-Up Period as well as for the remainder of the service period. If an Eligible Entity does not meet their installation commitment during the Ramp-Up Period then they will continue to be billed single unit TLS prices until they reach their commitment. Once the Eligible Entity reaches their commitment, Verizon will convert the Eligible Entity to the discounted quantity rates for the remainder of the service term. No credit will be issued for Eligible Entities not reaching their commitment during the Ramp-Up Period.

Special Construction:

Special construction can arise in a variety of situations, including the following:

1. The cost of the construction is disproportionally large in comparison with the estimated revenue;
2. Customer requests an expedited construction schedule;
3. Construction requested is of a higher cost than what would normally be placed;
4. Customer requests construction to provide services that would not normally be installed at the location.

Special construction charges may apply, these charges will be presented upfront to the Eligible Entity and be included in the proposal If Verizon includes the Special Construction charges in the proposal and the Customer then terminates the service prior to completing the contract term then the Customer will need to pay a pro-rated portion of the special construction charges in addition to the stranded investment charges.

What the customer needs to Provide: Conduit, Power and Inside Wiring:

The Eligible Entity must provide a protected path for all network fibers on private property. Verizon will also need the Eligible Entity to provide AC power to the TLS network equipment. UPS/surge suppression is highly recommended. The Eligible Entity is responsible for any network equipment damage due to their power problems. Verizon is responsible for installation up to the Network Interface Device or NID. The Customer is responsible for any inside wiring required to connect the LAN to the TLS equipment

MECnet Cost Table

Funding Year 2010

Commonwealth of Massachusetts
RFR ITT37 - Internet Hosting & Access Services

Attachment C, Services and Cost Tables 05/20/08
Cost Table 1.0 - Internet Access

All costs provided must include all cost components required to provision the service on a monthly basis.
Standard non-recurring costs, if any, must be in the cost table.
If required, non-standard construction, engineering and extension costs may be quoted separately upon completion of a site survey.
Bidders may expand the number of rows to fit their offerings. Do not add columns.
USF fees are not allowed

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Cost	Total NRC (non-recurring cost)
	e.g. dial-up (dynamic/static IP address), multi-link, dual dial-up, ISDN, ADSL, SDSL, Cable, T1 (fractional/full/dual), T3, Fixed point-to-point wireless, MPLS, Fiber, …	e.g. 56K, 1.544M, …, OC-12						
	T1	1.544mb						
	Dial-up	56K						
	MONTHLY PRICING							
	MECnet T1 Internet Service: **Schools** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$803.00	$0.00	$0.00	$803.00	$299.00

MECnet T1 Internet Service: **Towns and Agencies** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$695.00	$0.00	$0.00	$695.00	$299.00
MECnet 384Kbps Internet Service: Schools (includes 384Kbps circuit, 250 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	384Kbps	$0.00	$540.00	$0.00	$0.00	$540.00	$299.00
MECnet 384Kbps Internet Service: Towns and Agencies (includes: 384Kbps circuit, 250 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	384Kbps	$0.00	$440.00	$0.00	$0.00	$440.00	$299.00
MECnet 56Kbps Internet Service: Schools (includes: 56Kbps circuit, 150 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	56Kbps	$0.00	$200.00	$0.00	$0.00	$200.00	$299.00
MECnet 56Kbps Internet Service: Towns and Agencies (includes 56 Kbps circuit, 150 email accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	56Kbps	$0.00	$150.00	$0.00	$0.00	$150.00	$299.00
T1-WAN Frame circuit	1.54Mbps	$0.00	$445.00	$0.00	$0.00	$445.00	$299.00

384Kbps-WAN Frame circuit	384Kbps	$0.00	$395.00	$0.00	$0.00	$395.00	$299.00
T3 Circuit		$0.00	price varies depending on location and site survey	varies	$0.00	$0.00	varies
Point-to-Point Circuit		$0.00	price varies depending on location and site survey	varies	$0.00	$0.00	varies
MECnet Switched Ethernet Service (SES)							
MECnet SES 10Mbps	10Mbps	$1,055.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES 100Mbps	100Mbps	$1,985.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES GigE	Gig	$3,250.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
Internet Bandwidth with Wrap-Around Service (includes e-mail accounts, web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)							
Internet Bandwidth 5Mbps	5Mbps	$0.00	$800.00	$0.00	$0.00	$800.00	$0.00
Internet Bandwidth 10Mbps	10Mbps	$0.00	$1,400.00	$0.00	$0.00	$1,400.00	$0.00
Internet Bandwidth 15Mbps	15Mbps	$0.00	$1,650.00	$0.00	$0.00	$1,650.00	$0.00
Internet Bandwidth 20Mbps	20Mbps	$0.00	$2,200.00	$0.00	$0.00	$2,200.00	$0.00
Internet Bandwidth 30Mbps	30Mbps	$0.00	$2,700.00	$0.00	$0.00	$2,700.00	$0.00
Internet Bandwidth 40Mbps	40Mbps	$0.00	$3,600.00	$0.00	$0.00	$3,600.00	$0.00
Internet Bandwidth 50Mbps	50Mbps	$0.00	$4,500.00	$0.00	$0.00	$4,500.00	$0.00
Internet Bandwidth 60Mbps	60Mbps	$0.00	$5,400.00	$0.00	$0.00	$5,400.00	$0.00
Internet Bandwidth 100Mbps	100Mbps	$0.00	$7,000.00	$0.00	$0.00	$7,000.00	$0.00
MECnet Carrier Fiber (includes RCN and Charter)			Price varies depending on geography, capacity and site survey				Varies depending on site survey

MECnet Community Internet (deployed over fiber)		$0.00	$1,763.00	$0.00	$0.00	$1,763.00	Varies depending on site survey
MECnet Broadband Wrap-Around Services (MBS depending location and availability)							
MBS1 16Mbps/2Mbps*	16Mbps/2Mbps	$0.00	$425.00	$0.00	$0.00	$425.00	$299.00
MBS1 6Mbps/1Mbps*	6Mbps/1Mbps	$0.00	$325.00	$0.00	$0.00	$325.00	$299.00
MBS1 4Mbps/768kbps*	4Mbps/768kbps	$0.00	$225.00	$0.00	$0.00	$225.00	$299.00
MBS1 1.5Mbps/1.5Mbps*	1.5Mbps/1.5Mbps	$0.00	$525.00	$0.00	$0.00	$525.00	$299.00
MBS2 5Mbps/512kbps*	5Mbps/512kbps	$0.00	$170.00	$0.00	$0.00	$170.00	$299.00
MBS2 7Mbps/768kbps*	7Mbps/768kbps	$0.00	$200.00	$0.00	$0.00	$200.00	$299.00
MBS2 10Mbps/1Mbps*	10Mbps/1Mbps	$0.00	$220.00	$0.00	$0.00	$220.00	$299.00
MBS2 2Mbps/2Mbps*	2Mbps/2Mbps	$0.00	$260.00	$0.00	$0.00	$260.00	$299.00
MBS2 8Mbps/2Mbps*	8Mbps/2Mbps	$0.00	$310.00	$0.00	$0.00	$310.00	$299.00
MBS2 16Mbps/2Mbps*	16Mbps/2Mbps	$0.00	$425.00	$0.00	$0.00	$370.00	$299.00
MBS3 20Mbps/5Mbps*	20Mbps/5Mbps	$0.00	$274.00	$0.00	$0.00	$274.00	$198.00
MBS3 20Mbps/20Mbps*	20Mbps/20Mbps*	$0.00	$410.00	$0.00	$0.00	$410.00	$198.00
MBS3 50Mbps/20Mbps*	50Mbps/20Mbps	$0.00	$610.00	$0.00	$0.00	$610.00	$198.00
MBS3 (T1 and 50/20) Schools	(1.5Mbps and 50/20)	$0.00	$1,180.00	$0.00	$0.00	$1,180.00	$198.00
MBS3 (T1 and 50/20) Municipalities	(1.5Mbps and 50/20)	$0.00	$1,094.00	$0.00	$0.00	$1,094.00	$198.00
Additional IP's							
MBS1 -13 Additional IP's		$0.00	$5.00	$0.00	$0.00	$5.00	$0.00
MBS2 - 5 Additional IP's		$0.00	$16.99	$0.00	$0.00	$16.99	$0.00
MBS2 -13 Additional IP's		$0.00	$32.99	$0.00	$0.00	$32.99	$0.00
MBS3 - 5 Additional IP's		$0.00	$20.00	$0.00	$0.00	$20.00	$0.00
MBS3 -13 Additional IP's		$0.00	$50.00	$0.00	$0.00	$50.00	$0.00
MBS3 - 29 Additional IP's		$0.00	$80.00	$0.00	$0.00	$80.00	$0.00
MBS3 - 61 Additional IP's		$0.00	$120.00	$0.00	$0.00	$120.00	$0.00
MBS3 - 125 Additional IP's		$0.00	$190.00	$0.00	$0.00	$190.00	$0.00
*Wrap Around Services for MBS includes (500 e-mail accounts, 100MB web hosting, support, monitoring, training, user group, Static IP (1), listservs and DNS Hosting)			Included with MECnet				

Livelinks: hardware, line support, monitoring		$0.00	$125.00	$0.00	$0.00	$125.00	$0.00
(8) IP addresses provided with T1's and SES			included				
12 MONTH PRICING							
MECnet T1 Internet Service: **Schools** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$760.00	$0.00	$0.00	$760.00	$299.00
MECnet T1 Internet Service: **Towns and Agencies** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$661.00	$0.00	$0.00	$661.00	$299.00
MECnet T1 Plus Internet Service (includes (2) bonded T1 circuits, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	3.0Mbps	$0.00	$1,250.00	$0.00	$0.00	$1,250.00	$299.00
Customers who purchase 3 or more T1 lines receive a 10% discount on Individual T1's and Firewall Service (Joebox)							
MECnet SES 10Mbps	10Mbps	$855.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES 100Mbps	100Mbps	$1,785.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES GigE	Gig	$3,050.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey

Joebox 1000 for Municipalities- Up to 100 users		$0.00	$199.00	$0.00	$0.00	$199.00	$0.00
Joebox V3 for 100 to 4000 users or 20 MB connection		$0.00	$299.00	$0.00	$0.00	$299.00	$0.00
Joebox 5000 for up to 8000 computers or 60MB connection		$0.00	$325.00	$0.00	$0.00	$325.00	
Joebox Support for purchase after 1 year		$0.00	$125.00	$0.00	$0.00	$125.00	$0.00
MECnet standard installation (CISCO 1841 with CSU/DSU)			Lease option available for E-rate purpose	$0.00	$0.00	$1,985.00	$0.00
Leased Layer 3 Switch/Router Device		$0.00	$120.00	$0.00	$0.00	$120.00	$0.00

Sample location costs
Additional columns may be populated with the MRC for higher speed connections.

Address	NPN/NNX	MRC T1 (required)	(Costs must be derived from the above pricing.) SES 10 Mbps	SES 100 Mbps	SES Gig
10 Park Plaza, Boston	617-973	$803.00	$1,055.00	$1,985.00	$3,250.00
(4) 200 Arlington Street, Chelsea	617-626	$803.00	$1,055.00	$1,985.00	$3,250.00
11 Lincoln Street, Plymouth	508-747	$803.00	$1,055.00	$1,985.00	$3,250.00
20 East Worcester St., Worcester	508-929	$803.00	$1,055.00	$1,985.00	$3,250.00
25 West Street, Leominster	978-534	$803.00	$1,055.00	$1,985.00	$3,250.00
36 Court Street, Springfield	413-787	$803.00	$1,055.00	$1,985.00	$3,250.00
(4)452 Main Road, Monterey	413-528	$803.00	$1,055.00	$1,985.00	$3,250.00
439 South Union Street, Lawrence	978-722	$803.00	$1,055.00	$1,985.00	$3,250.00
(4)37 Main Street, North Adams	413-663	$803.00	$1,055.00	$1,985.00	$3,250.00

(1) Load balancing can be provided for no additional monthly cost over services purchased. A one time fee may apply. Please refer to engineering rates on cost table 4.0.

(2) MEC provides custom designed QoS services at no additional monthly cost over the services purchased. One time engineering fee may apply. Please refer to engineering rates on cost table 4.0.

(3) Inter Office Facility Charge (IOF) is based on the distance between the SES Switch and the local servicing office of the end user.

(4) Inter Office Facilities Charges will apply for North Adams, Monterey and Chelsea addresses.

(5) In the event that a customer who has agreed to purchase service under a term agreement (12 months) elects to cancel the service before the agreed-upon term, MEC will recalculate the customer's charges from the initial service date based on the rates applicable to month-to-month service, including any one-time charges applicable to month-to-month service.

(6) When a customer's service specifications require MEC to undertake special or atypical construction (or to subcontract for such services), MEC will quote customers the costs incurred by MEC for such construction or installation as a separate charge, or on an individual case basis.

Verizon Cost Table

Funding Year 2010

Funding Year 10
Fiscal Year 11

Verizon

Commonwealth of Massachus **Vendor Code Internet Access = VC6000246445**
RFR ITT37 - Internet Hosting & Ac **Vendor Code Managed Security = Cybertrust (VC0000438238) Rows 1222-1314**

Attachment C, Services and Cost Tables 5/20/2008
Cost Table 1.0 - Internet Access

1 **All costs provided must include all cost components required to provision the service on a monthly basis.**
2 **Standard non-recurring costs, if any, must be in the cost table.**
3 **If required, non-standard construction, engineering and extension costs may be quoted separately upon completion of a site survey.**
4 **Bidders may expand the number of rows to fit their offerings. Do not add columns.**
5 **USF fees are not allowed**
6 **QoS is optional - Not included in Total Monthly Costs Below**

All Access Circuits are subject to availability of facilities. As such, Special Construction Charges May apply and are priced on an individual case basis (ICB).
Additional Fees may be applied as applicable (see section "Additional Fees")

As elected by Commonwealth Operation Services Division, access circuit costs for Internet Services have been reduced by 15% in lieu of waiving the FUSF charges. Therefore FUSF charges will apply to all access circuits.

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
T1 Dedicated Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Price Protected	1.5 (Mbps)	$ 315.74	$ 179.00	*included*	$ 170.00	$ 494.74	$ -
Shadow T1	1.5	$ 250.75	$ 179.00	*included*	$ 170.00	$ 429.75	$ -
Double/Diverse T1	1.5	$ 693.31	$ 179.00	*included*	$ 330.00	$ 872.31	$ -
Multi-T1 Price Protected Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
NxT1 3 Meg	3 (Mbps)	$ 618.24	$ 358.00	*included*	$ 330.00	$ 976.24	$ -
NxT1 4.5 Meg	4.5	$ 918.53	$ 537.00	*included*	$ 330.00	$ 1,455.53	$ -
NxT1 6 Meg	6	$ 1,187.90	$ 716.00	*included*	$ 330.00	$ 1,903.90	$ -
NxT1 7.5 Meg	7.5	$ 1,377.79	$ 895.00	*included*	$ 330.00	$ 2,272.79	$ -
NxT1 9 Meg	9	$ 1,563.26	$ 1,074.00	*included*	$ 330.00	$ 2,637.26	$ -
NxT1 10.5 Meg	10.5	$ 1,629.50	$ 1,253.00	*included*	$ 330.00	$ 2,882.50	$ -
NxT1 12 Meg	12	$ 1,695.74	$ 1,432.00	*included*	$ 330.00	$ 3,127.74	$ -
High-speed Tiered Internet Access Services							
DS3 Access Tiered Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
DS3 Access Tiered Services							
3 Mbps	3 Mbps	$ 454.85	$ 1,445.00	*included*	$ 330.00	$ 1,899.85	$ -
6	6	$ 755.14	$ 1,445.00	*included*	$ 330.00	$ 2,200.14	$ -
9	9	$ 1,073.09	$ 1,445.00	*included*	$ 330.00	$ 2,518.09	$ -
12	12	$ 1,391.04	$ 1,445.00	*included*	$ 330.00	$ 2,836.04	$ -
15	15	$ 1,717.82	$ 1,445.00	*included*	$ 330.00	$ 3,162.82	$ -
18	18	$ 2,057.86	$ 1,445.00	*included*	$ 330.00	$ 3,502.86	$ -
21	21	$ 2,366.98	$ 1,445.00	*included*	$ 330.00	$ 3,811.98	$ -
24	24	$ 2,707.01	$ 1,445.00	*included*	$ 330.00	$ 4,152.01	$ -
27	27	$ 2,958.72	$ 1,445.00	*included*	$ 330.00	$ 4,403.72	$ -
30	30	$ 3,188.35	$ 1,445.00	*included*	$ 330.00	$ 4,633.35	$ -
33	33	$ 3,400.32	$ 1,445.00	*included*	$ 330.00	$ 4,845.32	$ -
36	36	$ 3,594.62	$ 1,445.00	*included*	$ 330.00	$ 5,039.62	$ -
39	39	$ 3,771.26	$ 1,445.00	*included*	$ 330.00	$ 5,216.26	$ -
45	45	$ 3,388.65	$ 1,445.00	*included*	$ 330.00	$ 4,833.65	$ -
Shadow T3	45	$ 983.54	$ 1,445.00	*included*	$ 330.00	$ 2,428.54	$ -
Double/Diverse T3	45	$ 5,818.56	$ 1,445.00	*included*	$ 400.00	$ 7,263.56	$ -
OC3 Access Tiered Services							
OC3 Access Tiered Services							
60 Mbps	60 (Mbps)	$ 4,339.13	***ICB***	***ICB***	***ICB***	***ICB***	$ -
70	70	$ 4,865.52	***ICB***	***ICB***	***ICB***	***ICB***	$ -
80	80	$ 5,306.70	***ICB***	***ICB***	***ICB***	***ICB***	$ -
90	90	$ 5,721.76	***ICB***	***ICB***	***ICB***	***ICB***	$ -
100	100	$ 6,119.05	***ICB***	***ICB***	***ICB***	***ICB***	$ -
155	155	$ 7,261.04	***ICB***	***ICB***	***ICB***	***ICB***	$ -
Shadow OC3	155	$ 2,542.01	***ICB***	***ICB***	***ICB***	***ICB***	$ -
Double/Diverse OC3	155	$ 14,689.58	***ICB***	***ICB***	***ICB***	***ICB***	$ -
OC12 Access Tiered Services							
OC12 Access Tiered Services							
150 Mbps	150 Mbps	$ 7,416.65	***ICB***	***ICB***	***ICB***	***ICB***	$ -
160	160	$ 7,617.01	***ICB***	***ICB***	***ICB***	***ICB***	$ -
180	180	$ 8,569.57	***ICB***	***ICB***	***ICB***	***ICB***	$ -
200	200	$ 9,494.05	***ICB***	***ICB***	***ICB***	***ICB***	$ -
250	250	$ 11,281.25	***ICB***	***ICB***	***ICB***	***ICB***	$ -
300	300	$ 13,537.50	***ICB***	***ICB***	***ICB***	***ICB***	$ -
350	350	$ 15,058.26	***ICB***	***ICB***	***ICB***	***ICB***	$ -
622	622	$ 23,392.80	***ICB***	***ICB***	***ICB***	***ICB***	$ -

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Shadow OC12	622	$ 9,006.95	ICB	ICB	ICB	ICB	$ -
Double/Diverse OC12	622	$ 42,657.95	ICB	ICB	ICB	ICB	$ -
Technology	**Bandwidth**	**Port Cost ($-per-month)**	**Access Cost ($ monthly)**	**Cost per mile ($ monthly)**	**QoS Cost ($ monthly)**	**Total Monthly Cost**	**Total NRC (non-recurring cost)**
Burstable Internet Access Services							
T1 Burstable Select Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Note: Port Discount also applies to Bursting Rate (55.84% off VBS III)							
Tier 1	0 to 128 Kbps	$ 216.38	$ 179.00	*included*	$ 170.00	$ 395.38	$ -
Tier 2	129 to 256	$ 251.71	$ 179.00	*included*	$ 170.00	$ 430.71	$ -
Tier 3	257 to 384	$ 282.62	$ 179.00	*included*	$ 170.00	$ 461.62	$ -
Tier 4	385 to 512	$ 322.37	$ 179.00	*included*	$ 170.00	$ 501.37	$ -
Tier 5	513 to 1.5 Mbps	$ 375.36	$ 179.00	*included*	$ 170.00	$ 554.36	$ -
T3 Burstable Select Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Tier 1	5 Mbps	$ 741.89	$ 1,445.00	*included*	$ 330.00	$ 2,186.89	$ -
Tier 2	10	$ 1,245.31	$ 1,445.00	*included*	$ 330.00	$ 2,690.31	$ -
Tier 3	15	$ 1,806.14	$ 1,445.00	*included*	$ 330.00	$ 3,251.14	$ -
Tier 4	20	$ 2,384.64	$ 1,445.00	*included*	$ 330.00	$ 3,829.64	$ -
Tier 5	25	$ 2,910.14	$ 1,445.00	*included*	$ 330.00	$ 4,355.14	$ -
Tier 6	30	$ 3,351.74	$ 1,445.00	*included*	$ 330.00	$ 4,796.74	$ -
Tier 7	35	$ 3,700.61	$ 1,445.00	*included*	$ 330.00	$ 5,145.61	$ -
Tier 8	40	$ 3,987.65	$ 1,445.00	*included*	$ 330.00	$ 5,432.65	$ -
OC3 Burstable Select Internet Services							
Tier 1	30 Mbps	$ 3,011.71	ICB	ICB	ICB	ICB	ICB
Tier 2	40	$ 3,590.21	ICB	ICB	ICB	ICB	ICB
Tier 3	50	$ 4,265.86	ICB	ICB	ICB	ICB	ICB
Tier 4	60	$ 4,707.46	ICB	ICB	ICB	ICB	ICB
Tier 5	80	$ 6,169.15	ICB	ICB	ICB	ICB	ICB
Tier 6	100	$ 7,284.63	ICB	ICB	ICB	ICB	ICB
Tier 7	120	$ 8,457.52	ICB	ICB	ICB	ICB	ICB
Tier 8	135	$ 9,076.65	ICB	ICB	ICB	ICB	ICB
OC12 Burstable Select Internet Services							
Tier 1	50 Mbps	$ 3,864.00	ICB	ICB	ICB	ICB	ICB
Tier 2	75 Mbps	$ 4,612.00	ICB	ICB	ICB	ICB	ICB
Tier 3	100 Mbps	$ 5,940.00	ICB	ICB	ICB	ICB	ICB
Tier 4	150 Mbps	$ 8,864.00	ICB	ICB	ICB	ICB	ICB
Tier 5	200 Mbps	$ 10,944.00	ICB	ICB	ICB	ICB	ICB
Tier 6	250 Mbps	$ 13,128.00	ICB	ICB	ICB	ICB	ICB
Tier 7	300 Mbps	$ 15,752.00	ICB	ICB	ICB	ICB	ICB
Tier 8	400 Mbps	$ 20,064.00	ICB	ICB	ICB	ICB	ICB
Tier 9	500 Mbps	$ 24,152.00	ICB	ICB	ICB	ICB	ICB

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Ethernet Based Internet Access							
Tiered Ethernet Internet Access Services							
** Access Cost based Upon Ethernet Type 2 Rate Band A (See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
***Access Cost based Upon Ethernet Type 1 Rate (Type 1 Requires a Lit Building, See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
Tiered Ethernet Internet Service							
1 Mbps *	1	$ 224.40	$ 863.00	*included*	$ 330.00	$ 1,087.40	$ -
2 Mbps*	2	$ 396.00	$ 876.00	*included*	$ 330.00	$ 1,272.00	$ -
3 Mbps*	3	$ 506.00	$ 888.00	*included*	$ 330.00	$ 1,394.00	$ -
4 Mbps*	4	$ 576.40	$ 901.00	*included*	$ 330.00	$ 1,477.40	$ -
5 Mbps*	5	$ 668.80	$ 914.00	*included*	$ 330.00	$ 1,582.80	$ -
6 Mbps*	6	$ 717.20	$ 927.00	*included*	$ 330.00	$ 1,644.20	$ -
7 Mbps*	7	$ 888.80	$ 939.00	*included*	$ 330.00	$ 1,827.80	$ -
8 Mbps*	8	$ 906.40	$ 952.00	*included*	$ 330.00	$ 1,858.40	$ -
9 Mbps*	9	$ 1,016.40	$ 965.00	*included*	$ 330.00	$ 1,981.40	$ -
10 Mbps*	10	$ 1,122.00	$ 978.00	*included*	$ 330.00	$ 2,100.00	$ -
15 Mbps**	15	$ 1,628.00	$ 586.00	*included*	$ 490.00	$ 2,214.00	$ -
20 Mbps*	20	$ 2,151.60	$ 1,105.00	*included*	$ 490.00	$ 3,256.60	$ -
25 Mbps**	25	$ 2,626.80	$ 643.00	*included*	$ 490.00	$ 3,269.80	$ -
30 Mbps*	30	$ 3,018.40	$ 1,233.00	*included*	$ 490.00	$ 4,251.40	$ -
35 Mbps**	35	$ 3,339.60	$ 741.00	*included*	$ 490.00	$ 4,080.60	$ -
40 Mbps*	40	$ 3,594.80	$ 1,360.00	*included*	$ 490.00	$ 4,954.80	$ -
50 Mbps*	50	$ 3,845.60	$ 1,488.00	*included*	$ 490.00	$ 5,333.60	$ -
60 Mbps*	60	$ 4,246.00	$ 2,465.00	*included*	$ 820.00	$ 6,711.00	$ -
70 Mbps*	70	$ 4,866.40	$ 2,593.00	*included*	$ 820.00	$ 7,459.40	$ -
80 Mbps*	80	$ 5,561.60	$ 2,720.00	*included*	$ 820.00	$ 8,281.60	$ -
90 Mbps*	90	$ 6,142.40	$ 2,848.00	*included*	$ 820.00	$ 8,990.40	$ -
100 Mbps*	100	$ 6,569.20	$ 2,975.00	*included*	$ 820.00	$ 9,544.20	$ -
150 Mbps**	150	$ 8,822.00	$ 1,728.00	*included*	$ 1,220.00	$ 10,550.00	$ -
200 Mbps*	200	$ 10,890.00	$ 4,165.00	*included*	$ 1,220.00	$ 15,055.00	$ -
250 Mbps**	250	$ 13,063.60	$ 2,507.00	*included*	$ 1,220.00	$ 15,570.60	$ -
300 Mbps*	300	$ 15,677.20	$ 5,355.00	*included*	$ 1,220.00	$ 21,032.20	$ -
350 Mbps**	350	$ 17,908.00	$ 3,123.00	*included*	$ 1,220.00	$ 21,031.00	$ -
400 Mbps*	400	$ 20,064.00	$ 6,545.00	*included*	$ 1,220.00	$ 26,609.00	$ -
500 Mbps*	500	$ 24,037.20	$ 7,735.00	*included*	$ 1,220.00	$ 31,772.20	$ -
600 Mbps**	600	$ 27,086.40	$ 3,546.00	*included*	$ 1,220.00	$ 30,632.40	$ -
700 Mbps**	700	$ 31,724.00	$ 3,830.00	*included*	$ 1,870.00	$ 35,554.00	$ -
800 Mbps**	800	$ 36,080.00	$ 4,094.00	*included*	$ 1,870.00	$ 40,174.00	$ -
1,000 Mbps**	1000	$ 45,289.20	$ 4,293.00	*included*	$ 1,870.00	$ 49,582.20	$ -
Burstable Ethernet Internet Services							
** Access Cost based Upon Ethernet Type 2 Rate Band A (See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
***Access Cost based Upon Ethernet Type 1 Rate (Type 1 Requires a Lit Building, See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
Type 2 Access supported up to 100MB, Type 1 Access Required Above 100MB							
Note: Port Discount also applies to Bursting Rate (55.84% off VBS III)							
Burstable Select 10 Mbps*							
2 Mbps	2	$ 418.00	$ 879.75	*included*	$ 330.00	$ 1,297.75	$ -
4 Mbps	4	$ 607.20	$ 879.75	*included*	$ 330.00	$ 1,486.95	$ -

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
6 Mbps	6	$ 756.80	$ 879.75	*included*	$ 330.00	$ 1,636.55	$ -
8 Mbps	8	$ 954.80	$ 879.75	*included*	$ 330.00	$ 1,834.55	$ -
Burstable Select 50 Mbps*							
5 Mbps	5	$ 704.00	$ 1,488.00	*included*	$ 490.00	$ 2,192.00	$ -
10 Mbps	10	$ 1,179.20	$ 1,488.00	*included*	$ 490.00	$ 2,667.20	$ -
15 Mbps	15	$ 1,711.60	$ 1,488.00	*included*	$ 490.00	$ 3,199.60	$ -
20 Mbps	20	$ 2,257.20	$ 1,488.00	*included*	$ 490.00	$ 3,745.20	$ -
25 Mbps	25	$ 2,758.80	$ 1,488.00	*included*	$ 490.00	$ 4,246.80	$ -
30 Mbps	30	$ 3,176.80	$ 1,488.00	*included*	$ 490.00	$ 4,664.80	$ -
35 Mbps	35	$ 3,506.80	$ 1,488.00	*included*	$ 490.00	$ 4,994.80	$ -
40 Mbps	40	$ 3,775.20	$ 1,488.00	*included*	$ 490.00	$ 5,263.20	$ -
Burstable Select 100 Mbps*							
10 Mbps	10	$ 1,179.20	$ 2,975.00	*included*	$ 820.00	$ 4,154.20	$ -
20 Mbps	20	$ 2,257.20	$ 2,975.00	*included*	$ 820.00	$ 5,232.20	$ -
30 Mbps	30	$ 3,176.80	$ 2,975.00	*included*	$ 820.00	$ 6,151.80	$ -
40 Mbps	40	$ 3,775.20	$ 2,975.00	*included*	$ 820.00	$ 6,750.20	$ -
50 Mbps	50	$ 4,039.20	$ 2,975.00	*included*	$ 820.00	$ 7,014.20	$ -
60 Mbps	60	$ 4,461.60	$ 2,975.00	*included*	$ 820.00	$ 7,436.60	$ -
70 Mbps	70	$ 5,112.80	$ 2,975.00	*included*	$ 820.00	$ 8,087.80	$ -
80 Mbps	80	$ 5,843.20	$ 2,975.00	*included*	$ 820.00	$ 8,818.20	$ -
Burstable Select 600 Mbps**							
50 Mbps	50	$ 4,039.20	$ 3,447.60	*included*	$ 1,220.00	$ 7,486.80	$ -
100 Mbps	100	$ 6,899.20	$ 3,447.60	*included*	$ 1,220.00	$ 10,346.80	$ -
150 Mbps	150	$ 9,266.40	$ 3,447.60	*included*	$ 1,220.00	$ 12,714.00	$ -
200 Mbps	200	$ 11,435.60	$ 3,447.60	*included*	$ 1,220.00	$ 14,883.20	$ -
250 Mbps	250	$ 13,179.20	$ 3,447.60	*included*	$ 1,220.00	$ 16,626.80	$ -
300 Mbps	300	$ 16,464.80	$ 3,447.60	*included*	$ 1,220.00	$ 19,912.40	$ -
350 Mbps	350	$ 18,805.60	$ 3,447.60	*included*	$ 1,220.00	$ 22,253.20	$ -
400 Mbps	400	$ 21,067.20	$ 3,447.60	*included*	$ 1,220.00	$ 24,514.80	$ -
500 Mbps	500	$ 25,242.80	$ 3,447.60	*included*	$ 1,220.00	$ 28,690.40	$ -
Burstable Select 1,000 Mbps**							
75 Mbps	75	$ 5,416.20	$ 4,293.00	*included*	$ 1,870.00	$ 9,709.20	$ -
100 Mbps	100	$ 6,542.40	$ 4,293.00	*included*	$ 1,870.00	$ 10,835.40	$ -
150 Mbps	150	$ 9,028.80	$ 4,293.00	*included*	$ 1,870.00	$ 13,321.80	$ -
200 Mbps	200	$ 11,827.20	$ 4,293.00	*included*	$ 1,870.00	$ 16,120.20	$ -
250 Mbps	250	$ 14,256.00	$ 4,293.00	*included*	$ 1,870.00	$ 18,549.00	$ -
300 Mbps	300	$ 16,473.60	$ 4,293.00	*included*	$ 1,870.00	$ 20,766.60	$ -
400 Mbps	400	$ 20,697.60	$ 4,293.00	*included*	$ 1,870.00	$ 24,990.60	$ -
500 Mbps	500	$ 25,344.00	$ 4,293.00	*included*	$ 1,870.00	$ 29,637.00	$ -
600 Mbps	600	$ 29,779.20	$ 4,293.00	*included*	$ 1,870.00	$ 34,072.20	$ -
750 Mbps	750	$ 33,264.00	$ 4,293.00	*included*	$ 1,870.00	$ 37,557.00	$ -
Ancillary Internet Access Charges							
Port Reconfiguration Fee							
T1							$ 200.00
NxT1, T3							$ 600.00
OC-3, OC-12							$ 1,000.00
Relocation/Retermination Fee							
T1							$ 450.00
NxT1, T3							$ 750.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	OC-3, OC-12							$ 1,250.00
	Ethernet							$ 500.00
	Order Expedite Per Port							$ 1,400.00
	Relocation/Retermination							$ 500.00
	Off Hours Installation							$ 500.00
Access Circuit Pricing by CLLI Code								
T1 Access Circuits Rates By CLLI Code								
	CLLI Code							
	ACSHMAPL	1.5Mbps	*na*	$ 476.00	*na*	*na*	*na*	$ -
	ACTNMAMA	1.5Mbps	*na*	$ 357.00	*na*	*na*	*na*	$ -
	ADMSMAMA	1.5Mbps	*na*	$ 731.00	*na*	*na*	*na*	$ -
	AGWMMARO	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	AMHRMAFE	1.5Mbps	*na*	$ 391.00	*na*	*na*	*na*	$ -
	AMHRMASP	1.5Mbps	*na*	$ 383.00	*na*	*na*	*na*	$ -
	AMSBMAPL	1.5Mbps	*na*	$ 417.00	*na*	*na*	*na*	$ -
	ANDVMAEL	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	ANDVMAFM	1.5Mbps	*na*	$ 315.00	*na*	*na*	*na*	$ -
	ARTNMAPL	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	ASFDMAMA	1.5Mbps	*na*	$ 527.00	*na*	*na*	*na*	$ -
	ASHBMASO	1.5Mbps	*na*	$ 510.00	*na*	*na*	*na*	$ -
	ASHMMAPL	1.5Mbps	*na*	$ 502.00	*na*	*na*	*na*	$ -
	ASLDMAMA	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	ASNTMAMA	1.5Mbps	*na*	$ 366.00	*na*	*na*	*na*	$ -
	ATHOMARI	1.5Mbps	*na*	$ 553.00	*na*	*na*	*na*	$ -
	ATLBMABA	1.5Mbps	*na*	$ 272.00	*na*	*na*	*na*	$ -
	AUBNMALG	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	AYERMAPL	1.5Mbps	*na*	$ 357.00	*na*	*na*	*na*	$ -
	BARRMAJA	1.5Mbps	*na*	$ 459.00	*na*	*na*	*na*	$ -
	BCKTMAWA	1.5Mbps	*na*	$ 561.00	*na*	*na*	*na*	$ -
	BDFRMAPA	1.5Mbps	*na*	$ 204.00	*na*	*na*	*na*	$ -
	BITNMAWI	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	BKLIMAGG	1.5Mbps	*na*	$ 247.00	*na*	*na*	*na*	$ -
	BKLIMAMA	1.5Mbps	*na*	$ 272.00	*na*	*na*	*na*	$ -
	BLMTMALE	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BLNDMAGL	1.5Mbps	*na*	$ 434.00	*na*	*na*	*na*	$ -
	BLRCMAAN	1.5Mbps	*na*	$ 196.00	*na*	*na*	*na*	$ -
	BLTWMAJA	1.5Mbps	*na*	$ 315.00	*na*	*na*	*na*	$ -
	BMFDMAWA	1.5Mbps	*na*	$ 298.00	*na*	*na*	*na*	$ -
	BOTNMAMA	1.5Mbps	*na*	$ 306.00	*na*	*na*	*na*	$ -
	BRLNMAHI	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BRNRMACH	1.5Mbps	*na*	$ 587.00	*na*	*na*	*na*	$ -
	BRNSMAMA	1.5Mbps	*na*	$ 723.00	*na*	*na*	*na*	$ -
	BRNTMAWA	1.5Mbps	*na*	$ 204.00	*na*	*na*	*na*	$ -
	BRPKMAWI	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BRTNMACR	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	BRWRMACH	1.5Mbps	*na*	$ 349.00	*na*	*na*	*na*	$ -
	BRWSMAYA	1.5Mbps	*na*	$ 850.00	*na*	*na*	*na*	$ -
	BRYVMAUN	1.5Mbps	*na*	$ 374.00	*na*	*na*	*na*	$ -
	BSRVMAST	1.5Mbps	*na*	$ 782.00	*na*	*na*	*na*	$ -
	BSTNMABE	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAFR	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAHA	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMABO	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAWH	1.5Mbps	*na*	$ 221.00	*na*	*na*	*na*	$ -

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	BURLMABE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	BVRLMAEL	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	BYTNMAMA	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	BZBYMAPE	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	CATNMANM	1.5Mbps	na	$ 238.00	na	na	na	$ -				
	CHCPMARI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CHCPMAWE	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CHESMAMU	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	CHFDMASB	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	CHFRMANO	1.5Mbps	na	$ 204.00	na	na	na	$ -				
	CHHMMAOH	1.5Mbps	na	$ 867.00	na	na	na	$ -				
	CHLMMAST	1.5Mbps	na	$ 782.00	na	na	na	$ -				
	CHLSMACH	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	CHMTMASO	1.5Mbps	na	$ 663.00	na	na	na	$ -				
	CLRNMAYA	1.5Mbps	na	$ 595.00	na	na	na	$ -				
	CLTNMACH	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	CMBRMABE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	CMBRMAWA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	CMTNMAMA	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	CNCRMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CNTNMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CNWYMASH	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	CRVRMAMA	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	CTMTMADE	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	DDHMMAWA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	DGTNMAEL	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	DLTNMACA	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	DNNSMAYA	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	DNVSMAHI	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	DRCHMAAD	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	DRCTMAMM	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	DXBRMACH	1.5Mbps	na	$ 434.00	na	na	na	$ -				
	EBSTMASA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	EBWRMABE	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	EDGLMAMA	1.5Mbps	na	$ 391.00	na	na	na	$ -				
	EDGRMAPP	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	EHMPMARA	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	ELNMMAPL	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	ESSXMASP	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	ESTNMANM	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	FKLNMAMC	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	FLMOMAMG	1.5Mbps	na	$ 697.00	na	na	na	$ -				
	FLRVMANM	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	FRMNMAUN	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	FTBGMAMA	1.5Mbps	na	$ 442.00	na	na	na	$ -				
	FXBOMACO	1.5Mbps	na	$ 221.00	na	na	na	$ -				
	GFTNMAWO	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	GLCSMAEL	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	GLVLMAHI	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	GNDLMASU	1.5Mbps	na	$ 272.00	na	na	na	$ -				
	GNFDMABP	1.5Mbps	na	$ 527.00	na	na	na	$ -				
	GRBRMABQ	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	GRBRMASC	1.5Mbps	na	$ 468.00	na	na	na	$ -				
	GRNBMAXA	1.5Mbps	na	$ 476.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	GRNRMAWE	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	GRTNMAHO	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	GRTWMAWI	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	GRVIMAWG	1.5Mbps	na	$ 459.00	na	na	na	$ -				
	HBTNMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	HDSNMAFR	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	HLDNMAHO	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	HLYKMAFW	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HLYKMAMH	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	HMPDMAMA	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	HMTNMAWI	1.5Mbps	na	$ 578.00	na	na	na	$ -				
	HNDLMASO	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HNHMMAGR	1.5Mbps	na	$ 434.00	na	na	na	$ -				
	HNTNMAMA	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	HNVRMACO	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HPTNMAHR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	HRVRMALI	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	HRWCMAMA	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	HSTNMAMA	1.5Mbps	na	$ 391.00	na	na	na	$ -				
	HTFDMACH	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HVHLMAWI	1.5Mbps	na	$ 731.00	na	na	na	$ -				
	HYNSMAOC	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HYPKMAHA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	INORMARL	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	IPSWMACO	1.5Mbps	na	$ 442.00	na	na	na	$ -				
	KGTNMASL	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	LDLWMAAJ	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LDLWMAWI	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	LEEEMAHI	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	LENXMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	LMNSMABQ	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	LMNSMASC	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	LNBGMASC	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LTTNMAKI	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LWRNMAAI	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LWRNMACA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LXTNMACS	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LXTNMAWA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LYFDMACA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	LYNNMACH	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	MARNMAMI	1.5Mbps	na	$ 408.00	na	na	na	$ -				
	MDLBMAJA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	MEFDMAPL	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	MEWYMAVI	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	MLBRMAGR	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	MLDNMAEL	1.5Mbps	na	$ 519.00	na	na	na	$ -				
	MLFLMACR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	MLFRMAWA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	MLISMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	MLTNMAAD	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	MNCHMASU	1.5Mbps	na	$ 179.00	na	na	na	$ -				
	MNFDMABR	1.5Mbps	na	$ 536.00	na	na	na	$ -				
	MNMTMAMA	1.5Mbps	na	$ 272.00	na	na	na	$ -				
	MNSNMAMA	1.5Mbps	na	$ 374.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MRBOMAFZ	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	MRBOMAMA	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	MRFDMAMA	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	MRMCMACE	1.5Mbps	na	$ 714.00	na	na	na	$ -				
	MSHPMAGN	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	MTAGMACE	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	MTPSMAMH	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	NADMMABP	1.5Mbps	na	$ 706.00	na	na	na	$ -				
	NADMMASU	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	NATLMAOE	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	NATNMAMA	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	NBFDMASM	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	NBFRMAAE	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	NBPTMAGR	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NCHLMAGR	1.5Mbps	na	$ 952.00	na	na	na	$ -				
	NCKTMAUN	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NDHMMAPI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NFRMMAED	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NRBOMASC	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	NRFDMAAE	1.5Mbps	na	$ 595.00	na	na	na	$ -				
	NRFDMAMA	1.5Mbps	na	$ 264.00	na	na	na	$ -				
	NRWDMAGC	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	NRWDMAVE	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	NRWLMAMA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	NWTNMAFD	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	NWTNMAWA	1.5Mbps	na	$ 408.00	na	na	na	$ -				
	OKHMMARU	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	ORLNMAYA	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	ORNGMASM	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	OSVLMAWB	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	OTISMAEO	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	OXFRMAWH	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	PBDYMACE	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	PLMOMACO	1.5Mbps	na	$ 230.00	na	na	na	$ -				
	PLMRMAPL	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	PPRLMAHI	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	PRTNMABO	1.5Mbps	na	$ 646.00	na	na	na	$ -				
	PRVNMAWI	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	PTFDMABF	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	PTFDMAFE	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	QNCYMADM	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	QNCYMAHA	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	RCMDMAXA	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	RCPTMAMA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	RDNGMALI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	REVRMABE	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	RKLDMAAY	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	RKLDMAWE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	RNDHMAME	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	ROCHMANO	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	RSSLMAMA	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	RTLDMAMA	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	RWLYMAHA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	RXBRMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	SALMMACQ	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	SALMMANO	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	SBDGMAMA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	SBTNMAFH	1.5Mbps	na	$ 1,012.00	na	na	na	$ -				
	SCNSMABH	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	SCTTMAFP	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	SDBRMABP	1.5Mbps	na	$ 459.00	na	na	na	$ -				
	SDFDMACO	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	SGMRMAYA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	SGTNMAWA	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	SHFDMAMA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	SHRNMAHI	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	SHRWMAGR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	SHRYMACH	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	SLFLMACR	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	SNDSMAOT	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	SOVLMACE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	SPFDMAWO	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	SPNCMAME	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	STBGMAMA	1.5Mbps	na	$ 663.00	na	na	na	$ -				
	STBRMAPI	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	STNGMABR	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	SWCKMACO	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	TMTNMAME	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	TNTNMAPL	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	TPFDMACE	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	TRFLMAAA	1.5Mbps	na	$ 536.00	na	na	na	$ -				
	TWBYMARO	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	TWNSMARA	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	TYNGMAKE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	UPTNMAPI	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	UXBRMACO	1.5Mbps	na	$ 400.00	na	na	na	$ -				
	VYHVMAED	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	WAHMMAHI	1.5Mbps	na	$ 544.00	na	na	na	$ -				
	WAREMABA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	WBSTMANE	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	WBTNMAPR	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	WHMNMAWA	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	WHVLMAPA	1.5Mbps	na	$ 400.00	na	na	na	$ -				
	WKFDMABE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	WLBGMAMA	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	WLBRMAMA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	WLHMMAJF	1.5Mbps	na	$ 230.00	na	na	na	$ -				
	WLHMMASP	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	WLHMMAWE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	WLLFMAMA	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	WLMGMAMA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	WLPLMASS	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	WLSLMALA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	WLTWMAWA	1.5Mbps	na	$ 799.00	na	na	na	$ -				
	WMNSMAEL	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	WNCHMAMA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	WNDNMAGR	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	WNTHMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	WNWBMAMA	1.5Mbps	na	$ 366.00	na	na	na	$ -
	WOTNMAWI	1.5Mbps	na	$ 502.00	na	na	na	$ -
	WPBDMAPI	1.5Mbps	na	$ 357.00	na	na	na	$ -
	WRCSMACE	1.5Mbps	na	$ 238.00	na	na	na	$ -
	WRHMMASO	1.5Mbps	na	$ 281.00	na	na	na	$ -
	WRRNMAQU	1.5Mbps	na	$ 306.00	na	na	na	$ -
	WRXBMABE	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WSBGMALE	1.5Mbps	na	$ 646.00	na	na	na	$ -
	WSBOMASU	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WSFDMAWA	1.5Mbps	na	$ 315.00	na	na	na	$ -
	WSFRMADE	1.5Mbps	na	$ 298.00	na	na	na	$ -
	WSPTMADR	1.5Mbps	na	$ 570.00	na	na	na	$ -
	WTTWMAWC	1.5Mbps	na	$ 281.00	na	na	na	$ -
	WYLDMABP	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WYMOMAMI	1.5Mbps	na	$ 289.00	na	na	na	$ -
T3 Access Circuits Rates By CLLI Code								
	CLLI Code							
	ACSHMAPL	45Mbps	na	$ 2,849.00	na	na	na	$ -
	ACTNMAMA	45Mbps	na	$ 3,026.00	na	na	na	$ -
	ADMSMAMA	45Mbps	na	$ 6,452.00	na	na	na	$ -
	AGWMMARO	45Mbps	na	$ 2,355.00	na	na	na	$ -
	AMHRMAFE	45Mbps	na	$ 3,689.00	na	na	na	$ -
	AMHRMASP	45Mbps	na	$ 3,596.00	na	na	na	$ -
	AMSBMAPL	45Mbps	na	$ 10,923.00	na	na	na	$ -
	ANDVMAEL	45Mbps	na	$ 2,457.00	na	na	na	$ -
	ANDVMAFM	45Mbps	na	$ 2,695.00	na	na	na	$ -
	ARTNMAPL	45Mbps	na	$ 2,457.00	na	na	na	$ -
	ASFDMAMA	45Mbps	na	$ 5,024.00	na	na	na	$ -
	ASHBMASO	45Mbps	na	$ 4,454.00	na	na	na	$ -
	ASHMMAPL	45Mbps	na	$ 4,735.00	na	na	na	$ -
	ASLDMAMA	45Mbps	na	$ 2,355.00	na	na	na	$ -
	ASNTMAMA	45Mbps	na	$ 3,613.00	na	na	na	$ -
	ATHOMARI	45Mbps	na	$ 5,491.00	na	na	na	$ -
	ATLBMABA	45Mbps	na	$ 2,661.00	na	na	na	$ -
	AUBNMALG	45Mbps	na	$ 2,924.00	na	na	na	$ -
	AYERMAPL	45Mbps	na	$ 3,307.00	na	na	na	$ -
	BARRMAJA	45Mbps	na	$ 4,259.00	na	na	na	$ -
	BCKTMAWA	45Mbps	na	$ 4,930.00	na	na	na	$ -
	BDFRMAPA	45Mbps	na	$ 1,556.00	na	na	na	$ -
	BITNMAWI	45Mbps	na	$ 2,355.00	na	na	na	$ -
	BKLIMAGG	45Mbps	na	$ 2,261.00	na	na	na	$ -
	BKLIMAMA	45Mbps	na	$ 2,304.00	na	na	na	$ -
	BLMTMALE	45Mbps	na	$ 2,457.00	na	na	na	$ -
	BLNDMAGL	45Mbps	na	$ 3,783.00	na	na	na	$ -
	BLRCMAAN	45Mbps	na	$ 1,496.00	na	na	na	$ -
	BLTWMAJA	45Mbps	na	$ 2,924.00	na	na	na	$ -
	BMFDMAWA	45Mbps	na	$ 2,737.00	na	na	na	$ -
	BOTNMAMA	45Mbps	na	$ 2,831.00	na	na	na	$ -
	BRLNMAHI	45Mbps	na	$ 2,644.00	na	na	na	$ -
	BRNRMACH	45Mbps	na	$ 5,593.00	na	na	na	$ -
	BRNSMAMA	45Mbps	na	$ 5,610.00	na	na	na	$ -
	BRNTMAWA	45Mbps	na	$ 1,556.00	na	na	na	$ -
	BRPKMAWI	45Mbps	na	$ 2,457.00	na	na	na	$ -
	BRTNMACR	45Mbps	na	$ 1,819.00	na	na	na	$ -
	BRWRMACH	45Mbps	na	$ 3,111.00	na	na	na	$ -

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	BRWSMAYA	45Mbps	na	$ 6,749.00	na	na	na	$ -				
	BRYVMAUN	45Mbps	na	$ 3,400.00	na	na	na	$ -				
	BSRVMAST	45Mbps	na	$ 6,180.00	na	na	na	$ -				
	BSTNMABE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAFR	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAHA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAWH	45Mbps	na	$ 1,590.00	na	na	na	$ -				
	BURLMABE	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	BVRLMAEL	45Mbps	na	$ 3,409.00	na	na	na	$ -				
	BYTNMAMA	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	BZBYMAPE	45Mbps	na	$ 4,276.00	na	na	na	$ -				
	CATNMANM	45Mbps	na	$ 1,930.00	na	na	na	$ -				
	CHCPMARI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	CHCPMAWE	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	CHESMAMU	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	CHFDMASB	45Mbps	na	$ 4,361.00	na	na	na	$ -				
	CHFRMANO	45Mbps	na	$ 1,556.00	na	na	na	$ -				
	CHHMMAOH	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	CHLMMAST	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	CHLSMACH	45Mbps	na	$ 2,355.00	na	na	na	$ -				
	CHMTMASO	45Mbps	na	$ 5,789.00	na	na	na	$ -				
	CLRNMAYA	45Mbps	na	$ 5,687.00	na	na	na	$ -				
	CLTNMACH	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	CMBRMABE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	CMBRMAWA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	CMTNMAMA	45Mbps	na	$ 4,930.00	na	na	na	$ -				
	CNCRMAWA	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	CNTNMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	CNWYMASH	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	CRVRMAMA	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	CTMTMADE	45Mbps	na	$ 4,089.00	na	na	na	$ -				
	DDHMMAWA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	DGTNMAEL	45Mbps	na	$ 3,426.00	na	na	na	$ -				
	DLTNMACA	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	DNNSMAYA	45Mbps	na	$ 6,273.00	na	na	na	$ -				
	DNVSMAHI	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	DRCHMAAD	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	DRCTMAMM	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	DXBRMACH	45Mbps	na	$ 4,072.00	na	na	na	$ -				
	EBSTMASA	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	EBWRMABE	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	EDGLMAMA	45Mbps	na	$ 3,876.00	na	na	na	$ -				
	EDGRMAPP	45Mbps	na	$ 5,134.00	na	na	na	$ -				
	EHMPMARA	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	ELNMMAPL	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	ESSXMASP	45Mbps	na	$ 3,978.00	na	na	na	$ -				
	ESTNMANM	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	FKLNMAMC	45Mbps	na	$ 2,950.00	na	na	na	$ -				
	FLMOMAMG	45Mbps	na	$ 4,182.00	na	na	na	$ -				
	FLRVMANM	45Mbps	na	$ 3,706.00	na	na	na	$ -				
	FRMNMAUN	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	FTBGMAMA	45Mbps	na	$ 4,165.00	na	na	na	$ -				
	FXBOMACO	45Mbps	na	$ 2,185.00	na	na	na	$ -				
	GFTNMAWO	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GLCSMAEL	45Mbps	na	$ 4,454.00	na	na	na	$ -				
	GLVLMAHI	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GNDLMASU	45Mbps	na	$ 2,737.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	GNFDMABP	45Mbps	na	$ 5,024.00	na	na	na	$ -				
	GRBRMABQ	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	GRBRMASC	45Mbps	na	$ 4,097.00	na	na	na	$ -				
	GRNBMAXA	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	GRNRMAWE	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GRTNMAHO	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	GRTWMAWI	45Mbps	na	$ 3,409.00	na	na	na	$ -				
	GRVIMAWG	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	HBTNMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	HDSNMAFR	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	HLDNMAHO	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	HLYKMAFW	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HLYKMAMH	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	HMPDMAMA	45Mbps	na	$ 3,596.00	na	na	na	$ -				
	HMTNMAWI	45Mbps	na	$ 5,500.00	na	na	na	$ -				
	HNDLMASO	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HNHMMAGR	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	HNTNMAMA	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	HNVRMACO	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HPTNMAHR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	HRVRMALI	45Mbps	na	$ 6,749.00	na	na	na	$ -				
	HRWCMAMA	45Mbps	na	$ 5,976.00	na	na	na	$ -				
	HSTNMAMA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	HTFDMACH	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HVHLMAWI	45Mbps	na	$ 5,610.00	na	na	na	$ -				
	HYNSMAOC	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HYPKMAHA	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	INORMARL	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	IPSWMACO	45Mbps	na	$ 4,063.00	na	na	na	$ -				
	KGTNMASL	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	LDLWMAAJ	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LDLWMAWI	45Mbps	na	$ 5,593.00	na	na	na	$ -				
	LEEEMAHI	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	LENXMAWA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	LMNSMABQ	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	LMNSMASC	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	LNBGMASC	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LTTNMAKI	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	LWRNMAAI	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	LXTNMACS	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	LXTNMAWA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LYFDMACA	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	LYNNMACH	45Mbps	na	$ 3,417.00	na	na	na	$ -				
	MARNMAMI	45Mbps	na	$ 3,706.00	na	na	na	$ -				
	MDLBMAJA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	MEFDMAPL	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	MEWYMAVI	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	MLBRMAGR	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	MLDNMAEL	45Mbps	na	$ 4,922.00	na	na	na	$ -				
	MLFLMACR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	MLFRMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	MLISMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	MLTNMAAD	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	MNCHMASU	45Mbps	na	$ 1,377.00	na	na	na	$ -				
	MNFDMABR	45Mbps	na	$ 5,015.00	na	na	na	$ -				
	MNMTMAMA	45Mbps	na	$ 2,542.00	na	na	na	$ -				
	MNSNMAMA	45Mbps	na	$ 3,213.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MRBOMAFZ	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	MRBOMAMA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	MRFDMAMA	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	MRMCMACE	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	MSHPMAGN	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	MTAGMACE	45Mbps	na	$ 3,035.00	na	na	na	$ -				
	MTPSMAMH	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	NADMMABP	45Mbps	na	$ 6,741.00	na	na	na	$ -				
	NADMMASU	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	NATLMAOE	45Mbps	na	$ 3,400.00	na	na	na	$ -				
	NATNMAMA	45Mbps	na	$ 3,494.00	na	na	na	$ -				
	NBFDMASM	45Mbps	na	$ 1,845.00	na	na	na	$ -				
	NBFRMAAE	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	NBPTMAGR	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	NCHLMAGR	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	NCKTMAUN	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	NDHMMAPI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	NFRMMAED	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	NRBOMASC	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	NRFDMAAE	45Mbps	na	$ 5,687.00	na	na	na	$ -				
	NRFDMAMA	45Mbps	na	$ 2,380.00	na	na	na	$ -				
	NRWDMAGC	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	NRWDMAVE	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	NRWLMAMA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	NWTNMAFD	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	NWTNMAWA	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	OKHMMARU	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	ORLNMAYA	45Mbps	na	$ 5,780.00	na	na	na	$ -				
	ORNGMASM	45Mbps	na	$ 5,134.00	na	na	na	$ -				
	OSVLMAWB	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	OTISMAEO	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	OXFRMAWH	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	PBDYMACE	45Mbps	na	$ 4,352.00	na	na	na	$ -				
	PLMOMACO	45Mbps	na	$ 2,100.00	na	na	na	$ -				
	PLMRMAPL	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	PPRLMAHI	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	PRTNMABO	45Mbps	na	$ 6,163.00	na	na	na	$ -				
	PRVNMAWI	45Mbps	na	$ 5,976.00	na	na	na	$ -				
	PTFDMABF	45Mbps	na	$ 6,069.00	na	na	na	$ -				
	PTFDMAFE	45Mbps	na	$ 4,828.00	na	na	na	$ -				
	QNCYMADM	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	QNCYMAHA	45Mbps	na	$ 7,285.00	na	na	na	$ -				
	RCMDMAXA	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	RCPTMAMA	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	RDNGMALI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	REVRMABE	45Mbps	na	$ 3,230.00	na	na	na	$ -				
	RKLDMAAY	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	RKLDMAWE	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	RNDHMAME	45Mbps	na	$ 3,511.00	na	na	na	$ -				
	ROCHMANO	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	RSSLMAMA	45Mbps	na	$ 3,494.00	na	na	na	$ -				
	RTLDMAMA	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	RWLYMAHA	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	RXBRMAWA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	SALMMACQ	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	SALMMANO	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	SBDGMAMA	45Mbps	na	$ 2,261.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	SBTNMAFH	45Mbps	na	$ 7,795.00	na	na	na	$ -				
	SCNSMABH	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	SCTTMAFP	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	SDBRMABP	45Mbps	na	$ 4,352.00	na	na	na	$ -				
	SDFDMACO	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	SGMRMAYA	45Mbps	na	$ 2,754.00	na	na	na	$ -				
	SGTNMAWA	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	SHFDMAMA	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	SHRNMAHI	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	SHRWMAGR	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	SHRYMACH	45Mbps	na	$ 5,304.00	na	na	na	$ -				
	SLFLMACR	45Mbps	na	$ 4,454.00	na	na	na	$ -				
	SNDSMAOT	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	SOVLMACE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	SPFDMAWO	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	SPNCMAME	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	STBGMAMA	45Mbps	na	$ 5,789.00	na	na	na	$ -				
	STBRMAPI	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	STNGMABR	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	SWCKMACO	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TMTNMAME	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TNTNMAPL	45Mbps	na	$ 2,950.00	na	na	na	$ -				
	TPFDMACE	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	TRFLMAAA	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TWBYMARO	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	TWNSMARA	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	TYNGMAKE	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	UPTNMAPI	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	UXBRMACO	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	VYHVMAED	45Mbps	na	$ 4,463.00	na	na	na	$ -				
	WAHMMAHI	45Mbps	na	$ 3,800.00	na	na	na	$ -				
	WAREMABA	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	WBSTMANE	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	WBTNMAPR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	WHMNMAWA	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	WHVLMAPA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	WKFDMABE	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	WLBGMAMA	45Mbps	na	$ 3,978.00	na	na	na	$ -				
	WLBRMAMA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	WLHMMAJF	45Mbps	na	$ 1,649.00	na	na	na	$ -				
	WLHMMASP	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	WLHMMAWE	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	WLLFMAMA	45Mbps	na	$ 7,217.00	na	na	na	$ -				
	WLMGMAMA	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	WLPLMASS	45Mbps	na	$ 2,754.00	na	na	na	$ -				
	WLSLMALA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	WLTWMAWA	45Mbps	na	$ 7,021.00	na	na	na	$ -				
	WMNSMAEL	45Mbps	na	$ 4,361.00	na	na	na	$ -				
	WNCHMAMA	45Mbps	na	$ 2,406.00	na	na	na	$ -				
	WNDNMAGR	45Mbps	na	$ 5,491.00	na	na	na	$ -				
	WNTHMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	WNWBMAMA	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	WOTNMAWI	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	WPBDMAPI	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	WRCSMACE	45Mbps	na	$ 1,930.00	na	na	na	$ -				
	WRHMMASO	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	WRRNMAQU	45Mbps	na	$ 2,831.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	WRXBMABE	45Mbps	na	$ 2,644.00	na	na	na	$ -
	WSBGMALE	45Mbps	na	$ 6,163.00	na	na	na	$ -
	WSBOMASU	45Mbps	na	$ 2,686.00	na	na	na	$ -
	WSFDMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -
	WSFRMADE	45Mbps	na	$ 2,550.00	na	na	na	$ -
	WSPTMADR	45Mbps	na	$ 3,417.00	na	na	na	$ -
	WTTWMAWC	45Mbps	na	$ 2,355.00	na	na	na	$ -
	WYLDMABP	45Mbps	na	$ 2,644.00	na	na	na	$ -
	WYMOMAMI	45Mbps	na	$ 2,457.00	na	na	na	$ -
Ethernet Access Pricing								
Type 2 Ethernet Access Circuit								
Rate Bands E, F, G and H excluded because Massachusetts Currently has no CLLIs in these Bands.								
	Rate Band A	**100Mb Interface**						
	Band A CLLI Codes:	1 Mbps	na	$ 863.00	na	na	na	$ -
	ATLBMABA	2	na	$ 876.00	na	na	na	$ -
	BITNMAWI	3	na	$ 888.00	na	na	na	$ -
	BRTNMACO	4	na	$ 901.00	na	na	na	$ -
	BSTNMABE	5	na	$ 914.00	na	na	na	$ -
	BSTNMAFR	6	na	$ 927.00	na	na	na	$ -
	CMBRMABE	7	na	$ 939.00	na	na	na	$ -
	DRCHMAAD	8	na	$ 952.00	na	na	na	$ -
	EBSTNMASA	9	na	$ 965.00	na	na	na	$ -
	FRMNMAUN	10	na	$ 978.00	na	na	na	$ -
	HYNSMAOC	20	na	$ 1,105.00	na	na	na	$ -
	HYPKMAHA	30	na	$ 1,233.00	na	na	na	$ -
	LWRNMACA	40	na	$ 1,360.00	na	na	na	$ -
	LYNNMACH	50	na	$ 1,488.00	na	na	na	$ -
	MLDNMAEL	**1000Mb Interface**						
	MRBOMAMA	1 Mbps	na	$ 1,713.00	na	na	na	$ -
	MSHPMAGN	2	na	$ 1,726.00	na	na	na	$ -
	NBFRMAAE	3	na	$ 1,738.00	na	na	na	$ -
	NWTNMAWA	4	na	$ 1,751.00	na	na	na	$ -
	PLMOMACO	5	na	$ 1,765.00	na	na	na	$ -
	REVRMABE	6	na	$ 1,777.00	na	na	na	$ -
	RXBRMAWA	7	na	$ 1,789.00	na	na	na	$ -
	SBTNMAEF	8	na	$ 1,802.00	na	na	na	$ -
	SPFDMAWO	9	na	$ 1,815.00	na	na	na	$ -
	WLHMMAWE	10	na	$ 1,828.00	na	na	na	$ -
	WLMGMAMA	20	na	$ 1,955.00	na	na	na	$ -
	WRCSMACE	30	na	$ 2,083.00	na	na	na	$ -
	WRXBMABE	40	na	$ 2,210.00	na	na	na	$ -
		50	na	$ 2,338.00	na	na	na	$ -
		60	na	$ 2,465.00	na	na	na	$ -
		70	na	$ 2,593.00	na	na	na	$ -
		80	na	$ 2,720.00	na	na	na	$ -
		90	na	$ 2,848.00	na	na	na	$ -
		100	na	$ 2,975.00	na	na	na	$ -
		200	na	$ 4,165.00	na	na	na	$ -
		300	na	$ 5,355.00	na	na	na	$ -
		400	na	$ 6,545.00	na	na	na	$ -
		500	na	$ 7,735.00	na	na	na	$ -
	Rate Band B	**100Mb Interface**						

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	Band B CLLI Codes:	1 Mbps	*na*	$ 935.00	*na*	*na*	*na*	$ -				
	AGWMMARO	2	*na*	$ 948.00	*na*	*na*	*na*	$ -				
	ASLDMAMA	3	*na*	$ 961.00	*na*	*na*	*na*	$ -				
	BKLIMAGG	4	*na*	$ 973.00	*na*	*na*	*na*	$ -				
	BKLIMAMA	5	*na*	$ 986.00	*na*	*na*	*na*	$ -				
	BLMTMALE	6	*na*	$ 999.00	*na*	*na*	*na*	$ -				
	BRTNMACR	7	*na*	$ 1,012.00	*na*	*na*	*na*	$ -				
	BSTNMABO	8	*na*	$ 1,024.00	*na*	*na*	*na*	$ -				
	BSTNMAHA	9	*na*	$ 1,037.00	*na*	*na*	*na*	$ -				
	CHCPMARI	10	*na*	$ 1,050.00	*na*	*na*	*na*	$ -				
	CHLSMACH	20	*na*	$ 1,177.00	*na*	*na*	*na*	$ -				
	CMBRMAWA	30	*na*	$ 1,305.00	*na*	*na*	*na*	$ -				
	DDHMMAWA	40	*na*	$ 1,432.00	*na*	*na*	*na*	$ -				
	GNDLMASU	50	*na*	$ 1,560.00	*na*	*na*	*na*	$ -				
	LMNSMASC	**1000Mb Interface**										
	MLTNMAAD	1 Mbps	*na*	$ 1,883.00	*na*	*na*	*na*	$ -				
	NANDMAAA	2	*na*	$ 1,896.00	*na*	*na*	*na*	$ -				
	SAGSMACE	3	*na*	$ 1,908.00	*na*	*na*	*na*	$ -				
	SOVLMACE	4	*na*	$ 1,921.00	*na*	*na*	*na*	$ -				
	WLHMMASP	5	*na*	$ 1,934.00	*na*	*na*	*na*	$ -				
	WNTHMAMA	6	*na*	$ 1,947.00	*na*	*na*	*na*	$ -				
	WTTWMAWC	7	*na*	$ 1,959.00	*na*	*na*	*na*	$ -				
		8	*na*	$ 1,972.00	*na*	*na*	*na*	$ -				
		9	*na*	$ 1,985.00	*na*	*na*	*na*	$ -				
		10	*na*	$ 1,998.00	*na*	*na*	*na*	$ -				
		20	*na*	$ 2,125.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,252.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,380.00	*na*	*na*	*na*	$ -				
		50	*na*	$ 2,508.00	*na*	*na*	*na*	$ -				
		60	*na*	$ 2,635.00	*na*	*na*	*na*	$ -				
		70	*na*	$ 2,763.00	*na*	*na*	*na*	$ -				
		80	*na*	$ 2,890.00	*na*	*na*	*na*	$ -				
		90	*na*	$ 3,018.00	*na*	*na*	*na*	$ -				
		100	*na*	$ 3,145.00	*na*	*na*	*na*	$ -				
		200	*na*	$ 4,335.00	*na*	*na*	*na*	$ -				
		300	*na*	$ 5,525.00	*na*	*na*	*na*	$ -				
		400	*na*	$ 6,715.00	*na*	*na*	*na*	$ -				
		500	*na*	$ 7,905.00	*na*	*na*	*na*	$ -				
	Rate Band C	**100Mb Interface**										
	Band C CLLI Codes:	1 Mbps	*na*	$ 1,041.00	*na*	*na*	*na*	$ -				
	ACSHMAPL, ANDVMAEL	2	*na*	$ 1,054.00	*na*	*na*	*na*	$ -				
	ARTNMAPL, AUBMALG	3	*na*	$ 1,067.00	*na*	*na*	*na*	$ -				
	BDFRMAPA, BLRCMAAN	4	*na*	$ 1,080.00	*na*	*na*	*na*	$ -				
	BRLNMAHI, BRNSMAMA	5	*na*	$ 1,092.00	*na*	*na*	*na*	$ -				
	BRPKMAWI, BSRVMAST	6	*na*	$ 1,105.00	*na*	*na*	*na*	$ -				
	BURLMABE, CHCPMAWE	7	*na*	$ 1,118.00	*na*	*na*	*na*	$ -				
	DXBRMACH, EBWRMABE	8	*na*	$ 1,131.00	*na*	*na*	*na*	$ -				
	ELNMMAPL, ESTNMAMC	9	*na*	$ 1,143.00	*na*	*na*	*na*	$ -				
	FTBGMAMA, HDSNMAFR	10	*na*	$ 1,156.00	*na*	*na*	*na*	$ -				
	HLSTMACH, INPRMARL	20	*na*	$ 1,284.00	*na*	*na*	*na*	$ -				
	KGTNMASL, LCSRMAGR	30	*na*	$ 1,411.00	*na*	*na*	*na*	$ -				
	LGMDMALO, LNBGMASC	40	*na*	$ 1,539.00	*na*	*na*	*na*	$ -				
	MLBRMAGR, MRBLMAPL	50	*na*	$ 1,666.00	*na*	*na*	*na*	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MTPSMAMH, NATLMAOE	**1000Mb Interface**										
	NDHMMAPI, NFRMMAED	1 Mbps	*na*	$ 2,138.00	*na*	*na*	*na*	$ -				
	NRDGMACE, NRTNMATA	2	*na*	$ 2,151.00	*na*	*na*	*na*	$ -				
	NTCKMAEC, OSVLMAWB	3	*na*	$ 2,163.00	*na*	*na*	*na*	$ -				
	PBDYMACE, QNCYMAHA	4	*na*	$ 2,176.00	*na*	*na*	*na*	$ -				
	RDNGMALI, RHBTMABA	5	*na*	$ 2,189.00	*na*	*na*	*na*	$ -				
	RKLDMAWE, RNDHMAME	6	*na*	$ 2,202.00	*na*	*na*	*na*	$ -				
	SGTNMAWA, SDBRMABP	7	*na*	$ 2,214.00	*na*	*na*	*na*	$ -				
	TWBYMARO, SHRWMAGR	8	*na*	$ 2,227.00	*na*	*na*	*na*	$ -				
	WKFDMABE, WHMNMAWA	9	*na*	$ 2,240.00	*na*	*na*	*na*	$ -				
	WNCHMAMA, WLSLMALA	10	*na*	$ 2,253.00	*na*	*na*	*na*	$ -				
	WYLLDMABP	20	*na*	$ 2,380.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,508.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,635.00	*na*	*na*	*na*	$ -				
		50	*na*	$ 2,763.00	*na*	*na*	*na*	$ -				
		60	*na*	$ 2,890.00	*na*	*na*	*na*	$ -				
		70	*na*	$ 3,018.00	*na*	*na*	*na*	$ -				
		80	*na*	$ 3,145.00	*na*	*na*	*na*	$ -				
		90	*na*	$ 3,273.00	*na*	*na*	*na*	$ -				
		100	*na*	$ 3,400.00	*na*	*na*	*na*	$ -				
		200	*na*	$ 4,590.00	*na*	*na*	*na*	$ -				
		300	*na*	$ 5,780.00	*na*	*na*	*na*	$ -				
		400	*na*	$ 6,970.00	*na*	*na*	*na*	$ -				
		500	*na*	$ 8,160.00	*na*	*na*	*na*	$ -				
	Rate Band D	**100Mb Interface**										
	Band D CLLI Codes:	1 Mbps	*na*	$ 1,165.00	*na*	*na*	*na*	$ -				
	AYERMAPL, AYERMAPL	2	*na*	$ 1,177.00	*na*	*na*	*na*	$ -				
	BOTNMAMA, BOTNMAMA	3	*na*	$ 1,190.00	*na*	*na*	*na*	$ -				
	BRNTMAWA, BRNTMAWA	4	*na*	$ 1,203.00	*na*	*na*	*na*	$ -				
	BRWRMACH, BRWRMACH	5	*na*	$ 1,216.00	*na*	*na*	*na*	$ -				
	BVRLMAEL, BVRLMAEL	6	*na*	$ 1,228.00	*na*	*na*	*na*	$ -				
	BYTNMAMA, BYTNMAMA	7	*na*	$ 1,241.00	*na*	*na*	*na*	$ -				
	CHFRMANO, CHFRMANO	8	*na*	$ 1,254.00	*na*	*na*	*na*	$ -				
	CLTNMACH, CLTNMACH	9	*na*	$ 1,267.00	*na*	*na*	*na*	$ -				
	CNCRMAWA, CNCRMAWA	10	*na*	$ 1,279.00	*na*	*na*	*na*	$ -				
	CNTNMAWA, CNTNMAWA	20	*na*	$ 1,407.00	*na*	*na*	*na*	$ -				
	CRVRMAMA, CRVRMAMA	30	*na*	$ 1,535.00	*na*	*na*	*na*	$ -				
	CTMTADE, CTMTADE	40	*na*	$ 1,662.00	*na*	*na*	*na*	$ -				
	DNNSAYA, DNNSAYA	50	*na*	$ 1,789.00	*na*	*na*	*na*	$ -				
	DNVSMAHI, DNVSMAHI	**1000Mb Interface**										
	DRCTMAMM, DRCTMAMM	1 Mbps	*na*	$ 2,435.00	*na*	*na*	*na*	$ -				
	FXBOMACO, FXBOMACO	2	*na*	$ 2,448.00	*na*	*na*	*na*	$ -				
	GFTNMAWO, GFTNMAWO	3	*na*	$ 2,461.00	*na*	*na*	*na*	$ -				
	HLDNMAHI, HLDNMAHI	4	*na*	$ 2,474.00	*na*	*na*	*na*	$ -				
	HLYKMAMA, HLYKMAMA	5	*na*	$ 2,486.00	*na*	*na*	*na*	$ -				
	HNHMMAGR, HNHMMAGR	6	*na*	$ 2,499.00	*na*	*na*	*na*	$ -				
	HPTNMAHR	7	*na*	$ 2,512.00	*na*	*na*	*na*	$ -				
		8	*na*	$ 2,525.00	*na*	*na*	*na*	$ -				
		9	*na*	$ 2,537.00	*na*	*na*	*na*	$ -				
		10	*na*	$ 2,550.00	*na*	*na*	*na*	$ -				
		20	*na*	$ 2,678.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,805.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,933.00	*na*	*na*	*na*	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
		50	na	$ 3,060.00	na	na	na	$ -				
		60	na	$ 3,188.00	na	na	na	$ -				
		70	na	$ 3,315.00	na	na	na	$ -				
		80	na	$ 3,443.00	na	na	na	$ -				
		90	na	$ 3,570.00	na	na	na	$ -				
		100	na	$ 3,698.00	na	na	na	$ -				
		200	na	$ 4,888.00	na	na	na	$ -				
		300	na	$ 6,078.00	na	na	na	$ -				
		400	na	$ 7,268.00	na	na	na	$ -				
		500	na	$ 8,458.00	na	na	na	$ -				
	Rate Band I	**100Mb Interface**										
	Band I CLLI Codes:	1 Mbps	na	$ 1,322.00	na	na	na	$ -				
	ASHBMASO	2	na	$ 1,335.00	na	na	na	$ -				
	ASHMMAPL	3	na	$ 1,347.00	na	na	na	$ -				
	ASNTMAMA	4	na	$ 1,360.00	na	na	na	$ -				
	BZBYMAPE	5	na	$ 1,373.00	na	na	na	$ -				
	CATNMANM	6	na	$ 1,386.00	na	na	na	$ -				
	DGTNMAEL	7	na	$ 1,398.00	na	na	na	$ -				
	ESSXMASP	8	na	$ 1,411.00	na	na	na	$ -				
	FKLNMAMC	9	na	$ 1,424.00	na	na	na	$ -				
	GRNRMAWE	10	na	$ 1,437.00	na	na	na	$ -				
	GRTNMAHO	20	na	$ 1,564.00	na	na	na	$ -				
	GRTWMAWI	30	na	$ 1,692.00	na	na	na	$ -				
	HMTNMAWI	40	na	$ 1,819.00	na	na	na	$ -				
	HNVRMACO	50	na	$ 1,947.00	na	na	na	$ -				
	LTTNMAKI	**1000Mb Interface**										
	MDLBMAJA	1 Mbps	na	$ 2,665.00	na	na	na	$ -				
	MLFRMAWA	2	na	$ 2,831.00	na	na	na	$ -				
	MNSNMAMA	3	na	$ 2,843.00	na	na	na	$ -				
	MRFDMAMA	4	na	$ 2,856.00	na	na	na	$ -				
	MRMCMACE	5	na	$ 2,869.00	na	na	na	$ -				
	NATNMAMA	6	na	$ 2,882.00	na	na	na	$ -				
	NCHLMAGR	7	na	$ 2,895.00	na	na	na	$ -				
	OKHMMARU	8	na	$ 2,907.00	na	na	na	$ -				
	OXFRMAWH	9	na	$ 2,920.00	na	na	na	$ -				
	PLMRMAPL	10	na	$ 2,933.00	na	na	na	$ -				
	ROCHMANO	20	na	$ 3,060.00	na	na	na	$ -				
	RTLDMAMA	30	na	$ 3,188.00	na	na	na	$ -				
	SBDGMAMA	40	na	$ 3,315.00	na	na	na	$ -				
	SGMRMAYA	50	na	$ 3,442.50	na	na	na	$ -				
	TPFDMACE	60	na	$ 3,570.00	na	na	na	$ -				
	TYNGMAKE	70	na	$ 3,698.00	na	na	na	$ -				
	WAHMMAHI	80	na	$ 3,825.00	na	na	na	$ -				
	WHVLMAPA	90	na	$ 3,953.00	na	na	na	$ -				
	WNWBMAMA	100	na	$ 4,080.00	na	na	na	$ -				
	WSFRMADE	200	na	$ 5,270.00	na	na	na	$ -				
	YHVMAED	300	na	$ 6,460.00	na	na	na	$ -				
		400	na	$ 7,650.00	na	na	na	$ -				
		500	na	$ 8,840.00	na	na	na	$ -				
	Rate Band J	**100Mb Interface**										
	Band J CLLI Codes:	1 Mbps	na	$ 1,500.00	na	na	na	$ -				
	AMHRMAFE	2	na	$ 1,513.00	na	na	na	$ -				
	AMHRMASP	3	na	$ 1,526.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	BLNDMAGL	4	na	$ 1,539.00	na	na	na	$ -
	BLTWMAJA	5	na	$ 1,551.00	na	na	na	$ -
	CHESMAMU	6	na	$ 1,564.00	na	na	na	$ -
	CHHMMAOH	7	na	$ 1,577.00	na	na	na	$ -
	CHLMMAST	8	na	$ 1,590.00	na	na	na	$ -
	EDGRMAPP	9	na	$ 1,602.00	na	na	na	$ -
	GLCSMAEL	10	na	$ 1,615.00	na	na	na	$ -
	GRVIMAWG	20	na	$ 1,743.00	na	na	na	$ -
	HNTNMAMA	30	na	$ 1,870.00	na	na	na	$ -
	HTFDMACH	40	na	$ 1,998.00	na	na	na	$ -
	IPSWMACO	50	na	$ 2,125.00	na	na	na	$ -
	NBPTMAGR	**1000Mb Interface**						
	ORLNMAYA	1 Mbps	na	$ 3,243.00	na	na	na	$ -
	SCTTMAFP	2	na	$ 3,256.00	na	na	na	$ -
	STBGMAMA	3	na	$ 3,268.00	na	na	na	$ -
	TMTNMAME	4	na	$ 3,281.00	na	na	na	$ -
	UXBRMACO	5	na	$ 3,294.00	na	na	na	$ -
	WBSMANE	6	na	$ 3,307.00	na	na	na	$ -
	WNDNMAGR	7	na	$ 3,319.00	na	na	na	$ -
		8	na	$ 3,332.00	na	na	na	$ -
		9	na	$ 3,345.00	na	na	na	$ -
		10	na	$ 3,358.00	na	na	na	$ -
		20	na	$ 3,485.00	na	na	na	$ -
		30	na	$ 3,613.00	na	na	na	$ -
		40	na	$ 3,740.00	na	na	na	$ -
		50	na	$ 3,868.00	na	na	na	$ -
		60	na	$ 3,995.00	na	na	na	$ -
		70	na	$ 4,123.00	na	na	na	$ -
		80	na	$ 4,250.00	na	na	na	$ -
		90	na	$ 4,378.00	na	na	na	$ -
		100	na	$ 4,505.00	na	na	na	$ -
		200	na	$ 5,695.00	na	na	na	$ -
		300	na	$ 6,885.00	na	na	na	$ -
		400	na	$ 8,075.00	na	na	na	$ -
		500	na	$ 9,265.00	na	na	na	$ -
Type 1 / On-Net Ethernet Access Pricing								
Type 1 Access Requires Dedicated Fiber Access to the Verizon Business Network (Lit-Building)								
Type 1 Access Requires a Fiber Cross Connect in the POP. NRC = $400, MRC = $100, reflected in the pricing below								
	On-Net Converged Ethernet Access	1 Mbps	na	$ 379.00	na	na	na	$ 400.00
		2	na	$ 414.00	na	na	na	$ 400.00
		3	na	$ 441.00	na	na	na	$ 400.00
		4	na	$ 466.00	na	na	na	$ 400.00
		5	na	$ 476.00	na	na	na	$ 400.00
		6	na	$ 495.00	na	na	na	$ 400.00
		7	na	$ 500.00	na	na	na	$ 400.00
		8	na	$ 521.00	na	na	na	$ 400.00
		9	na	$ 537.00	na	na	na	$ 400.00
		10	na	$ 553.00	na	na	na	$ 400.00
		15	na	$ 686.00	na	na	na	$ 400.00
		20	na	$ 727.00	na	na	na	$ 400.00
		25	na	$ 743.00	na	na	na	$ 400.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
		30	na	$ 797.00	na	na	na	$ 400.00
		35	na	$ 841.00	na	na	na	$ 400.00
		40	na	$ 884.00	na	na	na	$ 400.00
		50	na	$ 938.00	na	na	na	$ 400.00
		60	na	$ 1,085.00	na	na	na	$ 400.00
		70	na	$ 1,169.00	na	na	na	$ 400.00
		80	na	$ 1,187.00	na	na	na	$ 400.00
		90	na	$ 1,255.00	na	na	na	$ 400.00
		100	na	$ 1,263.00	na	na	na	$ 400.00
		150	na	$ 1,828.00	na	na	na	$ 400.00
		200	na	$ 2,260.00	na	na	na	$ 400.00
		250	na	$ 2,707.00	na	na	na	$ 400.00
		300	na	$ 2,999.00	na	na	na	$ 400.00
		350	na	$ 3,223.00	na	na	na	$ 400.00
		400	na	$ 3,441.00	na	na	na	$ 400.00
		450	na	$ 3,593.00	na	na	na	$ 400.00
		500	na	$ 3,646.00	na	na	na	$ 400.00
		600	na	$ 3,930.00	na	na	na	$ 400.00
		700	na	$ 4,194.00	na	na	na	$ 400.00
		800	na	$ 4,342.00	na	na	na	$ 400.00
		900	na	$ 4,369.00	na	na	na	$ 400.00
		1000	na	$ 4,393.00	na	na	na	$ 400.00
Secure Internet Gateway Service								
Secure Internet Gateway Service (SIG) requires VZB's Private IP (MPLS) service. SIG includes direct Internet Access from the PIP cloud along with network based firewalling. PIP can be purchased from ITT09.								
	Port Speeds (kbps)							
		128	$133.00	See ITT09	na	See ITT09	$133.00	$100.00
		256	$195.00	See ITT09	na	See ITT09	$195.00	$100.00
		384	$242.00	See ITT09	na	See ITT09	$242.00	$100.00
		512	$281.00	See ITT09	na	See ITT09	$281.00	$100.00
		768	$410.00	See ITT09	na	See ITT09	$410.00	$100.00
		1,024	$527.00	See ITT09	na	See ITT09	$527.00	$100.00
		1,536	$780.00	See ITT09	na	See ITT09	$780.00	$200.00
		3,072	$1,326.00	See ITT09	na	See ITT09	$1,326.00	$600.00
		4,608	$1,521.00	See ITT09	na	See ITT09	$1,521.00	$600.00
		6,144	$2,028.00	See ITT09	na	See ITT09	$2,028.00	$600.00
		7,680	$2,535.00	See ITT09	na	See ITT09	$2,535.00	$600.00
		9,216	$3,042.00	See ITT09	na	See ITT09	$3,042.00	$600.00
		10,752	$3,549.00	See ITT09	na	See ITT09	$3,549.00	$600.00
		12,288	$4,056.00	See ITT09	na	See ITT09	$4,056.00	$600.00
		15,360	$5,070.00	See ITT09	na	See ITT09	$5,070.00	$600.00
		18,432	$5,842.00	See ITT09	na	See ITT09	$5,842.00	$600.00
		25,600	$7,792.00	See ITT09	na	See ITT09	$7,792.00	$600.00
		43,008	$12,574.00	See ITT09	na	See ITT09	$12,574.00	$600.00
		50,000	$14,040.00	See ITT09	na	See ITT09	$14,040.00	$1,000.00
		60,000	$16,177.00	See ITT09	na	See ITT09	$16,177.00	$1,000.00
		70,000	$18,119.00	See ITT09	na	See ITT09	$18,119.00	$1,000.00
		80,000	$19,882.00	See ITT09	na	See ITT09	$19,882.00	$1,000.00
		90,000	$21,473.00	See ITT09	na	See ITT09	$21,473.00	$1,000.00
		100,000	$22,909.00	See ITT09	na	See ITT09	$22,909.00	$1,000.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
		155,000	$34,094.00	*See ITT09*	*na*	*See ITT09*	$34,094.00	$1,000.00
		622,000	$131,344.00	*See ITT09*	*na*	*See ITT09*	$131,344.00	$1,000.00
	Custom Firewall Feature	*na*	$156.00	*na*	*na*	*na*	*na*	$ -
DSL Internet Access Services								
	All DSL Services Require Loop Qualification to Determine Availability							
	DSL SOLO Product Requires a customer Provided POTS Line							
	SLAs do not Apply to DSL							
X	**DSL SOLO Internet Access**							
	DSL - Solo 384k COVAD	384Kbps	$ 50.00	*Existing POTS*	*na*	*na*	$ 50.00	$ 100.00
	DSL - Solo 768k New Edge	768Kbps	$ 69.00	*Existing POTS*	*na*	*na*	$ 69.00	$ 200.00
	DSL - Solo 1.5M COVAD	1.5Mbps	$ 89.00	*Existing POTS*	*na*	*na*	$ 89.00	$ 180.00
	DSL - Solo 3M COVAD	3Mbps	$ 109.00	*Existing POTS*	*na*	*na*	$ 109.00	$ 180.00
	DSL - Solo 6M COVAD	6Mbps	$ 159.00	*Existing POTS*	*na*	*na*	$ 159.00	$ 180.00
	DSL- Solo1.5M New Edge	1.5Mbps	$ 89.00	*Existing POTS*	*na*	*na*	$ 89.00	$ 200.00
	DSL Solo 3 M New Edge	3Mbps	$ 109.00	*Existing POTS*	*na*	*na*	$ 109.00	$ 200.00
	DSL Solo 6 M New Edge	6Mbps	$ 159.00	*Existing POTS*	*na*	*na*	$ 159.00	$ 200.00
	DSL Office Internet Access*							
	DSL - Office 128k	128Kbps	$ 120.00	*included*	*na*	*na*	$ 120.00	$ 320.00
	DSL Office 192k	192Kbps	$ 140.00	*included*	*na*	*na*	$ 140.00	$ 320.00
	DSL - Office 384k	384Kbps	$ 160.00	*included*	*na*	*na*	$ 160.00	$ 320.00
	DSL - Office 768k	768Kbps	$ 200.00	*included*	*na*	*na*	$ 200.00	$ 320.00
	DSL - Office 1M	1Mbps	$ 240.00	*included*	*na*	*na*	$ 240.00	$ 320.00
	DSL - Office 1.5M	1.5Mbps	$ 320.00	*included*	*na*	*na*	$ 320.00	$ 320.00
	Static IP Address for DSL							
	(applies to 1.5M and above)							
	Block of 6	*na*	$ 10.00	*na*	*na*	*na*	*na*	$ -
	14	*na*	$ 15.00	*na*	*na*	*na*	*na*	$ -
	30	*na*	$ 20.00	*na*	*na*	*na*	*na*	$ -
	62	*na*	$ 35.00	*na*	*na*	*na*	*na*	$ -
	126	*na*	$ 45.00	*na*	*na*	*na*	*na*	$ -
	254	*na*	$ 65.00	*na*	*na*	*na*	*na*	$ -
Satellite Internet Access Services								
	INTERNET Satellite ENTERPRISE Service							
	Service Tier							
	Primary 128 x 128 Kbps	128Kbps	$ 403.75	*na*	*na*	*na*	$ 403.75	$ 3,661.00
	Primary 256 x 128 Kbps	256	$ 432.25	*na*	*na*	*na*	$ 432.25	$ 3,661.00
	Primary 384 x 128 Kbps	384	$ 565.25	*na*	*na*	*na*	$ 565.25	$ 3,661.00
	Primary 512 x 128 Kbps	512	$ 1,040.25	*na*	*na*	*na*	$ 1,040.25	$ 3,661.00
	Primary 1024 x 128 Kbps	1024	$ 1,420.25	*na*	*na*	*na*	$ 1,420.25	$ 3,661.00
	Primary 1544 x 256 Kbps	1544	$ 1,895.25	*na*	*na*	*na*	$ 1,895.25	$ 3,661.00
	Primary 1544 x 512 Kbps	1544	$ 2,845.25	*na*	*na*	*na*	$ 2,845.25	$ 3,661.00
	Primary 2048 x 256 Kbps	2048	$ 2,180.25	*na*	*na*	*na*	$ 2,180.25	$ 3,661.00
	Primary 2048 x 512 Kbps	2048	$ 3,035.25	*na*	*na*	*na*	$ 3,035.25	$ 3,661.00
	Back-Up 1544 x 256 Kbps	1544	$ 327.75	*na*	*na*	*na*	$ 327.75	$ 3,661.00
	Back-Up 1544 x 512 Kbps	1544	$ 422.75	*na*	*na*	*na*	$ 422.75	$ 3,661.00
	Back-Up 2048 x 256 Kbps	2048	$ 356.25	*na*	*na*	*na*	$ 356.25	$ 3,661.00

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Back-Up 2048 x 512 Kbps	2048	$ 451.25	na	na	na	$ 451.25	$ 3,661.00
INTERNET Satellite OFFICE Service							
Service Tier							
Primary 384 x 128 Kbps	384 Kbps	$ 308.75	na	na	na	$ 308.75	$ 2,500.00
Primary 768 x 256 Kbps	768	$ 498.75	na	na	na	$ 498.75	$ 2,500.00
Primary 1.544 x 256 Kbps	1.544Mbps	$ 688.75	na	na	na	$ 688.75	$ 2,500.00
Manage Internet Access Service Option							
Management Charges							
Small Router (Cisco 1xxx and 2xxx, or Adtr	na	$ 118.58	na	na	na	$ 118.58	$ 500.00
Medium Router (Cisco 3xxx and 4xxx)	na	$ 153.00	na	na	na	$ 153.00	$ 500.00
Large Router (Cisco 7xxx)	na	$ 256.28	na	na	na	$ 256.28	$ 500.00
Enhanced Feature – Embedded Firewall (CISCO Only)							
Embedded Firewall – Small	na	$ 50.00	na	na	na	$ 50.00	$ 125.00
Embedded Firewall – Medium	na	$ 70.00	na	na	na	$ 70.00	$ 125.00
Embedded Firewall – Large	na	$ 120.00	na	na	na	$ 120.00	$ 125.00
Reporting						$ -	$ 125.00
Enhanced Feature – Content Filtering (CISCO Only)							
(Not Erate/CIPA Compliant)							
Content Filtering – Small	na	$ 10.00	na	na	na	$ 10.00	$ 125.00
Content Filtering – Medium	na	$ 15.00	na	na	na	$ 15.00	$ 125.00
Content Filtering – Large	na	$ 25.00	na	na	na	$ 25.00	$ 125.00
Content Delivery Module - Small		$ 40.00				$ 40.00	$ 125.00
Enhanced Feature – Ethernet LAN (CISCO Only)							
Ethernet LAN – 4 or 9 Port (mgmt. only)	na	$ 35.00	na	na	na	$ 35.00	$ 125.00
Ethernet LAN PoE – 4 or 9 Port (mgmt. onl	na	$ 35.00	na	na	na	$ 35.00	$ 125.00

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Additional Services							
Customer will pay the following NRC per router regardless of router size							
Managed Implementation							$ 600.00
Management Takeover							$ 100.00
Expedite Charge - Request to activate router in 15 days or less							$ 1,400.00
After-hours Premium - Performed outside normal business hours, defined as 7am to 8pm EST							$ 600.00
Router Deactivation - Disconnect of router							$ 300.00
Additional Fees							
Carrier Recovery Charge	*Percentage of Access Cha*	2.17%	*na*	*na*	*na*	2.17%	$ -
Single Line Business Line	*per line*	$ -	*na*	*na*	*na*	$ -	$ -
Multi Line Business Line	per line	$ 2.05	*na*	*na*	*na*	$ 2.05	
Below is Example Pricing for RFR evaluation purposes only.							
Technology	**Bandwidth**	**Port Cost ($-per-month)**	**Access Cost ($ monthly)**	**Cost per mile ($ monthly)**	**QoS Cost ($ monthly)**	**Total Monthly Cost**	**Total NRC (non-recurring cost)**
Sample location costs							
Address	**NPN/NNX**						
10 Park Plaza, Boston (CLLI = BSTN	617-973	$ 315.74	$ 178.50	*included*	*na*	$ 494.24	$ -
200 Arlington Street, Chelsea (CLLI	617-626	$ 315.74	$ 178.50	*included*	*na*	$ 494.24	$ -
11 Lincoln Street, Plymouth (CLLI =	508-747	$ 315.74	$ 229.50	*included*	*na*	$ 545.24	$ -
20 East Worcester St., Worcester (	508-929	$ 315.74	$ 238.00	*included*	*na*	$ 553.74	$ -
25 West Street, Leominster (CLLI =	978-534	$ 315.74	$ 416.50	*included*	*na*	$ 732.24	$ -
36 Court Street, Springfield (CLLI =	413-787	$ 315.74	$ 348.50	*included*	*na*	$ 664.24	$ -
452 Main Road, Monterey (CLLI = GI	413-528	$ 315.74	$ 467.50	*included*	*na*	$ 783.24	$ -
439 South Union Street, Lawrence	978-722	$ 315.74	$ 195.50	*included*	*na*	$ 511.24	$ -
37 Main Street, North Adams (CLLI	413-663	$ 315.74	$ 280.50	*included*	*na*	$ 596.24	$ -

Cost Table 24.0

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

Instructions for Cost Table 24.0

Market Basket Item Description	Proposed Monthly Cost	Proposed One-Time Cost
TLS	Month to Month****	
10 Meg**	$1,200.00	$1,300.00
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$2,400.00	$1,300.00
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$4,000.00	$1,300.00
GigE Interoffice Mileage (per mile)	$100.00	
	36 Month***	
10 Meg**	$1,000.00	
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$2,000.00	
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$3,500.00	
GigE Interoffice Mileage (per mile)	$100.00	
	60 Month***	
10 Meg**	$900.00	
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$1,800.00	
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$3,200.00	
GigE Interoffice Mileage (per mile)	$100.00	
TLS/Domain LAN- Per Location Per Change		$400.00
Available Matrix Pricing for Agencies w/ over 25 TLS Sites* (see notes about ramp-up and commitments)	**Monthly Cost**	**One-Time Cost**
10Meg	36 Month	
25-49 Circuits	$930.00	N/A
50-99 Circuits	$825.00	N/A
100-149 Circuits	$800.00	N/A
150+ Circuits	$775.00	N/A

Cost Table 24.0

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

Interoffice Mileage (per mile)	$100.00	N/A

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

10Meg	60 Month	
25-49 Circuits	$845.00	N/A
50-99 Circuits	$768.75	N/A
100-149 Circuits	$730.00	N/A
150+ Circuits	$698.75	N/A
Interoffice Mileage (per mile)	$100.00	N/A
If a customer maintains a minimum of 50 Circuits (any speed), they may also take advantage of the following discounted 100Meg and 1000Meg (GigE) pricing.		
100Meg	36 Month	60 Month
	$1,775.00	$1,575.00
GigE	36 Month	60 Month
	$2,750.00	$2,475.00

* Non-recurring charge applicable for Month to Month only. There is no non-recurring charge for the 36 or 60 month options.

**Special construction charges may apply. These charges will be presented upfront to the agency and be included in the proposal. Customer premise conduit costs are not included in this quote. The customer is responsible for providing any conduit required on their property

***Stranded investment charges will apply if the agency cancels the service prior to the end of the selected term.
The stranded investment is detailed below and will not apply until after the second access channel is installed for this network as defined in the ITT09 Agreement.

**** Month to Month service must be installed for a minimum of 9 months.

Canoga Perkins equipment will be used at customer location to provide the lines.

Stranded Investment:

Cost Table 24.0

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

Stranded Investment Schedule	Month to Month*	36 Month**	60 Month***
10Meg			
1-24 Circuits	$2,700.00	$9,000.00	$13,500.00
25-49 Circuits		$8,370.00	$12,675.00
50-99 Circuits		$7,425.00	$11,531.25
100-149 Circuits		$7,200.00	$10,950.00
150+ Circuits		$6,975.00	$10,481.25
100 Meg	$5,400.00	$15,975.00	$23,625.00
Gig E	$9,000.00	$24,750.00	$37,125.00
Interoffice Mileage (per mile)	$225.00	$900.00	$1,500.00

* 1/12th of this figure is reduced for each month that the element remains in service

** 1/36th of this figure is reduced for each month that the element remains in service.

*** 1/60th of this figure is reduced for each month that the element remains in service.

Stranded Investment would not apply until after the second access channel is installed for this network as defined in this agreement. When an order is cancelled or changed by the Customer in whole or in part after completion of the construction and installation but prior to the establishment of service, the Customer is required to pay the applicable minimum and stranded investment charges specified in this agreement and any applicable nonrecurring, connection and construction charges.

The stranded investment will not apply if:

1. The Eligible Entity moves to a new location and maintains the service for the remainder of the term;
2. The Eligible Entity attempts to move the existing service to a new location within Verizon's service area and the service is unavailable
3. Eligible Entity renegotiates a new term plan for the same service before the current plan expires and the value of the new term plan is equal to or greater than the remaining value of the current plan,
4. Or the Eligible Entity changes to another service or upgrades the service to a higher speed or capacity under a term commitment and the new term plan is equal or greater than the remaining value of the current term plan, Verizon provides the new service via applicable Massachusetts State Tariff or ITT09, and the order to discontinue the existing service and order the new or upgraded service are received at the same time.
5. If the Eligible Entity is has already been billed and has satisfied the stranded investment threshold of their current agreement.

Ramp-Up Period:

Cost Table 24.0

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

A ramp up period is defined as a period of the time that the Customer and Verizon have to complete the installation of the TLS network ordered under this agreement. Customers selecting a 36 month plan have a 12 month "ramp up period" and Customers selecting a 60 month plan have an 18 month period of time to complete the installation of the TLS order. Ramp-up period begins upon the installation of the first Access Channel installed for this network as defined within this Agreement. The Customer shall not be penalized for a failure to meet the requirements of this paragraph if due to Verizon's failure to meet its commitments for service installation. However, the Customer may not request a delay in Verizon's installation of the quantity commitment that would not be consistent with completing the installation during the Ramp-Up period.

Stranded Investment would not apply until after the second access channel is installed for this network as defined in this agreement. When an order is cancelled or changed by the Customer in whole or in part after completion of the construction and installation but prior to the establishment of service, the Customer is required to pay the applicable minimum and stranded investment charges specified in this agreement and any applicable nonrecurring, connection and construction charges.

Review Period

Shall commence at the end of the Ramp-Up Period. During the Review Period, Verizon will confirm that the Customer has met their commitment by confirming the number of circuits installed during the Ramp-Up Period. If the Customer has met their commitment. the Customer will be receive a credit equivalent to the discounted quantity rates for the duration of the Ramp-Up Period as well as for the remainder of the Service Period. All applicable billing rate changes will be effective at the next billing cycle after the Ramp-Up Period

Service Period:

The Commonwealth and its Eligible Entities authorized to purchase from the statewide contract may select TLS from the Service Periods herein. A service period is defined as the length of time that the Customer selects to keep the service- i.e. 36 or 60 months. If Customer selects a Service Period that extends beyond the existing Service Period of the Commonwealth Contract, ITT09, then Customer shall be obligated to continue service for the Service Period selected, under the Terms and Conditions of ITT09, as if ITT09 were then still in effect; or, if Customer terminates service prior to the end of the selected Service Period, Verizon shall bill Customer a stranded investment charge as defined herein.

Tiered Offer Description:

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

To qualify for the rates outlined above the eligible entity with one VLAN (Customer) must purchase at least twenty five TLS circuit (minimum quantity) on a single CNS form. Verizon will bill the Customer at the single unit TLS prices beginning with the first circuit installed. Verizon will review Customer's account at the conclusion of the Ramp-up period. If the Customer has met their commitment.during the Ramp up period the Customer will be receive a credit equivalent to the discounted quantity rates for the duration of the Ramp-Up Period as well as for the remainder of the service period. If an Eligible Entity does not meet their installation commitment during the Ramp-Up Period then they will continue to be billed single unit TLS prices until they reach their commitment. Once the Eligible Entity reaches their commitment, Verizon will convert the Eligible Entity to the discounted quantity rates for the remainder of the service term. No credit will be issued for Eligible Entities not reaching their commitment during the Ramp-Up Period.

Special Construction:

Special construction can arise in a variety of situations, including the following:

1. The cost of the construction is disproportionally large in comparison with the estimated revenue;
2. Customer requests an expedited construction schedule;
3. Construction requested is of a higher cost than what would normally be placed;
4. Customer requests construction to provide services that would not normally be installed at the location.

Special construction charges may apply, these charges will be presented upfront to the Eligible Entity and be included in the proposal If Verizon includes the Special Construction charges in the proposal and the Customer then terminates the service prior to completing the contract term then the Customer will need to pay a pro-rated portion of the special construction charges in addition to the stranded investment charges.

What the customer needs to Provide: Conduit, Power and Inside Wiring:

The Eligible Entity must provide a protected path for all network fibers on private property. Verizon will also need the Eligible Entity to provide AC power to the TLS network equipment. UPS/surge suppression is highly recommended. The Eligible Entity is responsible for any network equipment damage due to their power problems. Verizon is responsible for installation up to the Network Interface Device or NID. The Customer is responsible for any inside wiring required to connect the LAN to the TLS equipment

MECnet Cost Table

Funding Year 2011

Commonwealth of Massachusetts
RFR ITT37 - Internet Hosting & Access Services

Attachment C, Services and Cost Tables 05/20/08
Cost Table 1.0 - Internet Access

All costs provided must include all cost components required to provision the service on a monthly basis.
Standard non-recurring costs, if any, must be in the cost table.
If required, non-standard construction, engineering and extension costs may be quoted separately upon completion of a site survey.
Bidders may expand the number of rows to fit their offerings. Do not add columns.
USF fees are not allowed

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Cost	Total NRC (non-recurring cost)
	e.g. dial-up (dynamic/static IP address), multi-link, dual dial-up, ISDN, ADSL, SDSL, Cable, T1 (fractional/full/dual), T3, Fixed point-to-point wireless, MPLS, Fiber, …	e.g. 56K, 1.544M, …, OC-12						
	T1	1.544mb						
	Dial-up	56K						
	MONTHLY PRICING							
	MECnet T1 Internet Service: **Schools** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$803.00	$0.00	$0.00	$803.00	$299.00

MECnet T1 Internet Service: **Towns and Agencies** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$695.00	$0.00	$0.00	$695.00	$299.00
MECnet 384Kbps Internet Service: Schools (includes 384Kbps circuit, 250 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	384Kbps	$0.00	$540.00	$0.00	$0.00	$540.00	$299.00
MECnet 384Kbps Internet Service: Towns and Agencies (includes: 384Kbps circuit, 250 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	384Kbps	$0.00	$440.00	$0.00	$0.00	$440.00	$299.00
MECnet 56Kbps Internet Service: Schools (includes: 56Kbps circuit, 150 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	56Kbps	$0.00	$200.00	$0.00	$0.00	$200.00	$299.00
MECnet 56Kbps Internet Service: Towns and Agencies (includes 56 Kbps circuit, 150 email accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	56Kbps	$0.00	$150.00	$0.00	$0.00	$150.00	$299.00
T1-WAN Frame circuit	1.54Mbps	$0.00	$445.00	$0.00	$0.00	$445.00	$299.00

384Kbps-WAN Frame circuit	384Kbps	$0.00	$395.00	$0.00	$0.00	$395.00	$299.00
T3 Circuit		$0.00	price varies depending on location and site survey	varies	$0.00	$0.00	varies
Point-to-Point Circuit		$0.00	price varies depending on location and site survey	varies	$0.00	$0.00	varies
MECnet Switched Ethernet Service (SES)							
MECnet SES 10Mbps	10Mbps	$1,055.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES 100Mbps	100Mbps	$1,985.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES GigE	Gig	$3,250.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
Internet Bandwidth with Wrap-Around Service (includes e-mail accounts, web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)							
Internet Bandwidth 5Mbps	5Mbps	$0.00	$800.00	$0.00	$0.00	$800.00	$0.00
Internet Bandwidth 10Mbps	10Mbps	$0.00	$1,400.00	$0.00	$0.00	$1,400.00	$0.00
Internet Bandwidth 15Mbps	15Mbps	$0.00	$1,650.00	$0.00	$0.00	$1,650.00	$0.00
Internet Bandwidth 20Mbps	20Mbps	$0.00	$2,200.00	$0.00	$0.00	$2,200.00	$0.00
Internet Bandwidth 30Mbps	30Mbps	$0.00	$2,700.00	$0.00	$0.00	$2,700.00	$0.00
Internet Bandwidth 40Mbps	40Mbps	$0.00	$3,600.00	$0.00	$0.00	$3,600.00	$0.00
Internet Bandwidth 50Mbps	50Mbps	$0.00	$4,500.00	$0.00	$0.00	$4,500.00	$0.00
Internet Bandwidth 60Mbps	60Mbps	$0.00	$5,400.00	$0.00	$0.00	$5,400.00	$0.00
Internet Bandwidth 100Mbps	100Mbps	$0.00	$7,000.00	$0.00	$0.00	$7,000.00	$0.00
MECnet Carrier Fiber (includes RCN and Charter)			Price varies depending on geography, capacity and site survey				Varies depending on site survey

MECnet Community Internet (deployed over fiber)		$0.00	$1,763.00	$0.00	$0.00	$1,763.00	Varies depending on site survey
MECnet Broadband Wrap-Around Services (MBS depending location and availability)							
MBS1 16Mbps/2Mbps*	16Mbps/2Mbps	$0.00	$425.00	$0.00	$0.00	$425.00	$299.00
MBS1 6Mbps/1Mbps*	6Mbps/1Mbps	$0.00	$325.00	$0.00	$0.00	$325.00	$299.00
MBS1 4Mbps/768kbps*	4Mbps/768kbps	$0.00	$225.00	$0.00	$0.00	$225.00	$299.00
MBS1 1.5Mbps/1.5Mbps*	1.5Mbps/1.5Mbps	$0.00	$525.00	$0.00	$0.00	$525.00	$299.00
MBS2 5Mbps/512kbps*	5Mbps/512kbps	$0.00	$170.00	$0.00	$0.00	$170.00	$299.00
MBS2 7Mbps/768kbps*	7Mbps/768kbps	$0.00	$200.00	$0.00	$0.00	$200.00	$299.00
MBS2 10Mbps/1Mbps*	10Mbps/1Mbps	$0.00	$220.00	$0.00	$0.00	$220.00	$299.00
MBS2 2Mbps/2Mbps*	2Mbps/2Mbps	$0.00	$260.00	$0.00	$0.00	$260.00	$299.00
MBS2 8Mbps/2Mbps*	8Mbps/2Mbps	$0.00	$310.00	$0.00	$0.00	$310.00	$299.00
MBS2 16Mbps/2Mbps*	16Mbps/2Mbps	$0.00	$425.00	$0.00	$0.00	$370.00	$299.00
MBS3 20Mbps/5Mbps*	20Mbps/5Mbps	$0.00	$274.00	$0.00	$0.00	$274.00	$198.00
MBS3 20Mbps/20Mbps*	20Mbps/20Mbps*	$0.00	$410.00	$0.00	$0.00	$410.00	$198.00
MBS3 50Mbps/20Mbps*	50Mbps/20Mbps	$0.00	$610.00	$0.00	$0.00	$610.00	$198.00
MBS3 (T1 and 50/20) Schools	(1.5Mbps and 50/20)	$0.00	$1,180.00	$0.00	$0.00	$1,180.00	$198.00
MBS3 (T1 and 50/20) Municipalities	(1.5Mbps and 50/20)	$0.00	$1,094.00	$0.00	$0.00	$1,094.00	$198.00
Additional IP's							
MBS1 -13 Additional IP's		$0.00	$5.00	$0.00	$0.00	$5.00	$0.00
MBS2 - 5 Additional IP's		$0.00	$16.99	$0.00	$0.00	$16.99	$0.00
MBS2 -13 Additional IP's		$0.00	$32.99	$0.00	$0.00	$32.99	$0.00
MBS3 - 5 Additional IP's		$0.00	$20.00	$0.00	$0.00	$20.00	$0.00
MBS3 -13 Additional IP's		$0.00	$50.00	$0.00	$0.00	$50.00	$0.00
MBS3 - 29 Additional IP's		$0.00	$80.00	$0.00	$0.00	$80.00	$0.00
MBS3 - 61 Additional IP's		$0.00	$120.00	$0.00	$0.00	$120.00	$0.00
MBS3 - 125 Additional IP's		$0.00	$190.00	$0.00	$0.00	$190.00	$0.00
*Wrap Around Services for MBS includes (500 e-mail accounts, 100MB web hosting, support, monitoring, training, user group, Static IP (1), listservs and DNS Hosting)			Included with MECnet				

Livelinks: hardware, line support, monitoring		$0.00	$125.00	$0.00	$0.00	$125.00	$0.00
(8) IP addresses provided with T1's and SES			included				
12 MONTH PRICING							
MECnet T1 Internet Service: **Schools** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$760.00	$0.00	$0.00	$760.00	$299.00
MECnet T1 Internet Service: **Towns and Agencies** (includes T1 circuit, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	1.54Mbps	$0.00	$661.00	$0.00	$0.00	$661.00	$299.00
MECnet T1 Plus Internet Service (includes (2) bonded T1 circuits, 500 e-mail accounts, 100MB web hosting, upstream content filtering, support, monitoring, training, user-group, listservs, DNS Hosting and Internet 2 Connectivity)	3.0Mbps	$0.00	$1,250.00	$0.00	$0.00	$1,250.00	$299.00
Customers who purchase 3 or more T1 lines receive a 10% discount on Individual T1's and Firewall Service (Joebox)							
MECnet SES 10Mbps	10Mbps	$855.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES 100Mbps	100Mbps	$1,785.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey
MECnet SES GigE	Gig	$3,050.00	$0.00	[3]$100.00 if applicable	$0.00	will Vary	Varies based on site survey

Joebox 1000 for Municipalities- Up to 100 users	$0.00	$199.00	$0.00	$0.00	$199.00	$0.00
Joebox V3 for 100 to 4000 users or 20 MB connection	$0.00	$299.00	$0.00	$0.00	$299.00	$0.00
Joebox 5000 for up to 8000 computers or 60MB connection	$0.00	$325.00	$0.00	$0.00	$325.00	
Joebox Support for purchase after 1 year	$0.00	$125.00	$0.00	$0.00	$125.00	$0.00
MECnet standard installation (CISCO 1841 with CSU/DSU)		Lease option available for E-rate purpose	$0.00	$0.00	$1,985.00	$0.00
Leased Layer 3 Switch/Router Device	$0.00	$120.00	$0.00	$0.00	$120.00	$0.00

Sample location costs
Additional columns may be populated with the MRC for higher speed connections.

Address	NPN/NNX	MRC T1 (required)	(Costs must be derived from the above pricing.) SES 10 Mbps	SES 100 Mbps	SES Gig
10 Park Plaza, Boston	617-973	$803.00	$1,055.00	$1,985.00	$3,250.00
(4) 200 Arlington Street, Chelsea	617-626	$803.00	$1,055.00	$1,985.00	$3,250.00
11 Lincoln Street, Plymouth	508-747	$803.00	$1,055.00	$1,985.00	$3,250.00
20 East Worcester St., Worcester	508-929	$803.00	$1,055.00	$1,985.00	$3,250.00
25 West Street, Leominster	978-534	$803.00	$1,055.00	$1,985.00	$3,250.00
36 Court Street, Springfield	413-787	$803.00	$1,055.00	$1,985.00	$3,250.00
(4)452 Main Road, Monterey	413-528	$803.00	$1,055.00	$1,985.00	$3,250.00
439 South Union Street, Lawrence	978-722	$803.00	$1,055.00	$1,985.00	$3,250.00
(4)37 Main Street, North Adams	413-663	$803.00	$1,055.00	$1,985.00	$3,250.00

(1) Load balancing can be provided for no additional monthly cost over services purchased. A one time fee may apply. Please refer to engineering rates on cost table 4.0.

(2) MEC provides custom designed QoS services at no additional monthly cost over the services purchased. One time engineering fee may apply. Please refer to engineering rates on cost table 4.0.

(3) Inter Office Facility Charge (IOF) is based on the distance between the SES Switch and the local servicing office of the end user.

(4) Inter Office Facilities Charges will apply for North Adams, Monterey and Chelsea addresses.

(5) In the event that a customer who has agreed to purchase service under a term agreement (12 months) elects to cancel the service before the agreed-upon term, MEC will recalculate the customer's charges from the initial service date based on the rates applicable to month-to-month service, including any one-time charges applicable to month-to-month service.

(6) When a customer's service specifications require MEC to undertake special or atypical construction (or to subcontract for such services), MEC will quote customers the costs incurred by MEC for such construction or installation as a separate charge, or on an individual case basis.

Verizon Cost Table

Funding Year 2011

Funding Year 10
Fiscal Year 11

Verizon

Commonwealth of Massachus **Vendor Code Internet Access = VC6000246445**
RFR ITT37 - Internet Hosting & Ac **Vendor Code Managed Security = Cybertrust (VC0000438238) Rows 1222-1314**

Attachment C, Services and Cost Tables 5/20/2008
Cost Table 1.0 - Internet Access

1 **All costs provided must include all cost components required to provision the service on a monthly basis.**
2 **Standard non-recurring costs, if any, must be in the cost table.**
3 **If required, non-standard construction, engineering and extension costs may be quoted separately upon completion of a site survey.**
4 **Bidders may expand the number of rows to fit their offerings. Do not add columns.**
5 **USF fees are not allowed**
6 **QoS is optional - Not included in Total Monthly Costs Below**

All Access Circuits are subject to availability of facilities. As such, Special Construction Charges May apply and are priced on an individual case basis (ICB).
Additional Fees may be applied as applicable (see section "Additional Fees")

As elected by Commonwealth Operation Services Division, access circuit costs for Internet Services have been reduced by 15% in lieu of waiving the FUSF charges. Therefore FUSF charges will apply to all access circuits.

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
T1 Dedicated Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Price Protected	1.5 (Mbps)	$ 315.74	$ 179.00	*included*	$ 170.00	$ 494.74	$ -
Shadow T1	1.5	$ 250.75	$ 179.00	*included*	$ 170.00	$ 429.75	$ -
Double/Diverse T1	1.5	$ 693.31	$ 179.00	*included*	$ 330.00	$ 872.31	$ -
Multi-T1 Price Protected Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
NxT1 3 Meg	3 (Mbps)	$ 618.24	$ 358.00	*included*	$ 330.00	$ 976.24	$ -
NxT1 4.5 Meg	4.5	$ 918.53	$ 537.00	*included*	$ 330.00	$ 1,455.53	$ -
NxT1 6 Meg	6	$ 1,187.90	$ 716.00	*included*	$ 330.00	$ 1,903.90	$ -
NxT1 7.5 Meg	7.5	$ 1,377.79	$ 895.00	*included*	$ 330.00	$ 2,272.79	$ -
NxT1 9 Meg	9	$ 1,563.26	$ 1,074.00	*included*	$ 330.00	$ 2,637.26	$ -
NxT1 10.5 Meg	10.5	$ 1,629.50	$ 1,253.00	*included*	$ 330.00	$ 2,882.50	$ -
NxT1 12 Meg	12	$ 1,695.74	$ 1,432.00	*included*	$ 330.00	$ 3,127.74	$ -
High-speed Tiered Internet Access Services							
DS3 Access Tiered Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
DS3 Access Tiered Services							
3 Mbps	3 Mbps	$ 454.85	$ 1,445.00	*included*	$ 330.00	$ 1,899.85	$ -
6	6	$ 755.14	$ 1,445.00	*included*	$ 330.00	$ 2,200.14	$ -
9	9	$ 1,073.09	$ 1,445.00	*included*	$ 330.00	$ 2,518.09	$ -
12	12	$ 1,391.04	$ 1,445.00	*included*	$ 330.00	$ 2,836.04	$ -
15	15	$ 1,717.82	$ 1,445.00	*included*	$ 330.00	$ 3,162.82	$ -
18	18	$ 2,057.86	$ 1,445.00	*included*	$ 330.00	$ 3,502.86	$ -
21	21	$ 2,366.98	$ 1,445.00	*included*	$ 330.00	$ 3,811.98	$ -
24	24	$ 2,707.01	$ 1,445.00	*included*	$ 330.00	$ 4,152.01	$ -
27	27	$ 2,958.72	$ 1,445.00	*included*	$ 330.00	$ 4,403.72	$ -
30	30	$ 3,188.35	$ 1,445.00	*included*	$ 330.00	$ 4,633.35	$ -
33	33	$ 3,400.32	$ 1,445.00	*included*	$ 330.00	$ 4,845.32	$ -
36	36	$ 3,594.62	$ 1,445.00	*included*	$ 330.00	$ 5,039.62	$ -
39	39	$ 3,771.26	$ 1,445.00	*included*	$ 330.00	$ 5,216.26	$ -
45	45	$ 3,388.65	$ 1,445.00	*included*	$ 330.00	$ 4,833.65	$ -
Shadow T3	45	$ 983.54	$ 1,445.00	*included*	$ 330.00	$ 2,428.54	$ -
Double/Diverse T3	45	$ 5,818.56	$ 1,445.00	*included*	$ 400.00	$ 7,263.56	$ -
OC3 Access Tiered Services							
OC3 Access Tiered Services							
60 Mbps	60 (Mbps)	$ 4,339.13	***ICB***	***ICB***	***ICB***	***ICB***	$ -
70	70	$ 4,865.52	***ICB***	***ICB***	***ICB***	***ICB***	$ -
80	80	$ 5,306.70	***ICB***	***ICB***	***ICB***	***ICB***	$ -
90	90	$ 5,721.76	***ICB***	***ICB***	***ICB***	***ICB***	$ -
100	100	$ 6,119.05	***ICB***	***ICB***	***ICB***	***ICB***	$ -
155	155	$ 7,261.04	***ICB***	***ICB***	***ICB***	***ICB***	$ -
Shadow OC3	155	$ 2,542.01	***ICB***	***ICB***	***ICB***	***ICB***	$ -
Double/Diverse OC3	155	$ 14,689.58	***ICB***	***ICB***	***ICB***	***ICB***	$ -
OC12 Access Tiered Services							
OC12 Access Tiered Services							
150 Mbps	150 Mbps	$ 7,416.65	***ICB***	***ICB***	***ICB***	***ICB***	$ -
160	160	$ 7,617.01	***ICB***	***ICB***	***ICB***	***ICB***	$ -
180	180	$ 8,569.57	***ICB***	***ICB***	***ICB***	***ICB***	$ -
200	200	$ 9,494.05	***ICB***	***ICB***	***ICB***	***ICB***	$ -
250	250	$ 11,281.25	***ICB***	***ICB***	***ICB***	***ICB***	$ -
300	300	$ 13,537.50	***ICB***	***ICB***	***ICB***	***ICB***	$ -
350	350	$ 15,058.26	***ICB***	***ICB***	***ICB***	***ICB***	$ -
622	622	$ 23,392.80	***ICB***	***ICB***	***ICB***	***ICB***	$ -

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Shadow OC12	622	$ 9,006.95	ICB	ICB	ICB	ICB	$ -
Double/Diverse OC12	622	$ 42,657.95	ICB	ICB	ICB	ICB	$ -
Technology	**Bandwidth**	**Port Cost ($-per-month)**	**Access Cost ($ monthly)**	**Cost per mile ($ monthly)**	**QoS Cost ($ monthly)**	**Total Monthly Cost**	**Total NRC (non-recurring cost)**
Burstable Internet Access Services							
T1 Burstable Select Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Note: Port Discount also applies to Bursting Rate (55.84% off VBS III)							
Tier 1	0 to 128 Kbps	$ 216.38	$ 179.00	*included*	$ 170.00	$ 395.38	$ -
Tier 2	129 to 256	$ 251.71	$ 179.00	*included*	$ 170.00	$ 430.71	$ -
Tier 3	257 to 384	$ 282.62	$ 179.00	*included*	$ 170.00	$ 461.62	$ -
Tier 4	385 to 512	$ 322.37	$ 179.00	*included*	$ 170.00	$ 501.37	$ -
Tier 5	513 to 1.5 Mbps	$ 375.36	$ 179.00	*included*	$ 170.00	$ 554.36	$ -
T3 Burstable Select Internet Services							
Access Cost based Upon Boston CLLI Code (See "Access Circuit Price By CLLI Code" section bellow to determine exact Access Price)							
Tier 1	5 Mbps	$ 741.89	$ 1,445.00	*included*	$ 330.00	$ 2,186.89	$ -
Tier 2	10	$ 1,245.31	$ 1,445.00	*included*	$ 330.00	$ 2,690.31	$ -
Tier 3	15	$ 1,806.14	$ 1,445.00	*included*	$ 330.00	$ 3,251.14	$ -
Tier 4	20	$ 2,384.64	$ 1,445.00	*included*	$ 330.00	$ 3,829.64	$ -
Tier 5	25	$ 2,910.14	$ 1,445.00	*included*	$ 330.00	$ 4,355.14	$ -
Tier 6	30	$ 3,351.74	$ 1,445.00	*included*	$ 330.00	$ 4,796.74	$ -
Tier 7	35	$ 3,700.61	$ 1,445.00	*included*	$ 330.00	$ 5,145.61	$ -
Tier 8	40	$ 3,987.65	$ 1,445.00	*included*	$ 330.00	$ 5,432.65	$ -
OC3 Burstable Select Internet Services							
Tier 1	30 Mbps	$ 3,011.71	ICB	ICB	ICB	ICB	ICB
Tier 2	40	$ 3,590.21	ICB	ICB	ICB	ICB	ICB
Tier 3	50	$ 4,265.86	ICB	ICB	ICB	ICB	ICB
Tier 4	60	$ 4,707.46	ICB	ICB	ICB	ICB	ICB
Tier 5	80	$ 6,169.15	ICB	ICB	ICB	ICB	ICB
Tier 6	100	$ 7,284.63	ICB	ICB	ICB	ICB	ICB
Tier 7	120	$ 8,457.52	ICB	ICB	ICB	ICB	ICB
Tier 8	135	$ 9,076.65	ICB	ICB	ICB	ICB	ICB
OC12 Burstable Select Internet Services							
Tier 1	50 Mbps	$ 3,864.00	ICB	ICB	ICB	ICB	ICB
Tier 2	75 Mbps	$ 4,612.00	ICB	ICB	ICB	ICB	ICB
Tier 3	100 Mbps	$ 5,940.00	ICB	ICB	ICB	ICB	ICB
Tier 4	150 Mbps	$ 8,864.00	ICB	ICB	ICB	ICB	ICB
Tier 5	200 Mbps	$ 10,944.00	ICB	ICB	ICB	ICB	ICB
Tier 6	250 Mbps	$ 13,128.00	ICB	ICB	ICB	ICB	ICB
Tier 7	300 Mbps	$ 15,752.00	ICB	ICB	ICB	ICB	ICB
Tier 8	400 Mbps	$ 20,064.00	ICB	ICB	ICB	ICB	ICB
Tier 9	500 Mbps	$ 24,152.00	ICB	ICB	ICB	ICB	ICB

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Ethernet Based Internet Access							
Tiered Ethernet Internet Access Services							
** Access Cost based Upon Ethernet Type 2 Rate Band A (See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
***Access Cost based Upon Ethernet Type 1 Rate (Type 1 Requires a Lit Building, See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
Tiered Ethernet Internet Service							
1 Mbps *	1	$ 224.40	$ 863.00	*included*	$ 330.00	$ 1,087.40	$ -
2 Mbps*	2	$ 396.00	$ 876.00	*included*	$ 330.00	$ 1,272.00	$ -
3 Mbps*	3	$ 506.00	$ 888.00	*included*	$ 330.00	$ 1,394.00	$ -
4 Mbps*	4	$ 576.40	$ 901.00	*included*	$ 330.00	$ 1,477.40	$ -
5 Mbps*	5	$ 668.80	$ 914.00	*included*	$ 330.00	$ 1,582.80	$ -
6 Mbps*	6	$ 717.20	$ 927.00	*included*	$ 330.00	$ 1,644.20	$ -
7 Mbps*	7	$ 888.80	$ 939.00	*included*	$ 330.00	$ 1,827.80	$ -
8 Mbps*	8	$ 906.40	$ 952.00	*included*	$ 330.00	$ 1,858.40	$ -
9 Mbps*	9	$ 1,016.40	$ 965.00	*included*	$ 330.00	$ 1,981.40	$ -
10 Mbps*	10	$ 1,122.00	$ 978.00	*included*	$ 330.00	$ 2,100.00	$ -
15 Mbps**	15	$ 1,628.00	$ 586.00	*included*	$ 490.00	$ 2,214.00	$ -
20 Mbps*	20	$ 2,151.60	$ 1,105.00	*included*	$ 490.00	$ 3,256.60	$ -
25 Mbps**	25	$ 2,626.80	$ 643.00	*included*	$ 490.00	$ 3,269.80	$ -
30 Mbps*	30	$ 3,018.40	$ 1,233.00	*included*	$ 490.00	$ 4,251.40	$ -
35 Mbps**	35	$ 3,339.60	$ 741.00	*included*	$ 490.00	$ 4,080.60	$ -
40 Mbps*	40	$ 3,594.80	$ 1,360.00	*included*	$ 490.00	$ 4,954.80	$ -
50 Mbps*	50	$ 3,845.60	$ 1,488.00	*included*	$ 490.00	$ 5,333.60	$ -
60 Mbps*	60	$ 4,246.00	$ 2,465.00	*included*	$ 820.00	$ 6,711.00	$ -
70 Mbps*	70	$ 4,866.40	$ 2,593.00	*included*	$ 820.00	$ 7,459.40	$ -
80 Mbps*	80	$ 5,561.60	$ 2,720.00	*included*	$ 820.00	$ 8,281.60	$ -
90 Mbps*	90	$ 6,142.40	$ 2,848.00	*included*	$ 820.00	$ 8,990.40	$ -
100 Mbps*	100	$ 6,569.20	$ 2,975.00	*included*	$ 820.00	$ 9,544.20	$ -
150 Mbps**	150	$ 8,822.00	$ 1,728.00	*included*	$ 1,220.00	$ 10,550.00	$ -
200 Mbps*	200	$ 10,890.00	$ 4,165.00	*included*	$ 1,220.00	$ 15,055.00	$ -
250 Mbps**	250	$ 13,063.60	$ 2,507.00	*included*	$ 1,220.00	$ 15,570.60	$ -
300 Mbps*	300	$ 15,677.20	$ 5,355.00	*included*	$ 1,220.00	$ 21,032.20	$ -
350 Mbps**	350	$ 17,908.00	$ 3,123.00	*included*	$ 1,220.00	$ 21,031.00	$ -
400 Mbps*	400	$ 20,064.00	$ 6,545.00	*included*	$ 1,220.00	$ 26,609.00	$ -
500 Mbps*	500	$ 24,037.20	$ 7,735.00	*included*	$ 1,220.00	$ 31,772.20	$ -
600 Mbps**	600	$ 27,086.40	$ 3,546.00	*included*	$ 1,220.00	$ 30,632.40	$ -
700 Mbps**	700	$ 31,724.00	$ 3,830.00	*included*	$ 1,870.00	$ 35,554.00	$ -
800 Mbps**	800	$ 36,080.00	$ 4,094.00	*included*	$ 1,870.00	$ 40,174.00	$ -
1,000 Mbps**	1000	$ 45,289.20	$ 4,293.00	*included*	$ 1,870.00	$ 49,582.20	$ -
Burstable Ethernet Internet Services							
** Access Cost based Upon Ethernet Type 2 Rate Band A (See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
***Access Cost based Upon Ethernet Type 1 Rate (Type 1 Requires a Lit Building, See "Ethernet Access Pricing " section bellow to determine exact Access Price)*							
Type 2 Access supported up to 100MB, Type 1 Access Required Above 100MB							
Note: Port Discount also applies to Bursting Rate (55.84% off VBS III)							
Burstable Select 10 Mbps*							
2 Mbps	2	$ 418.00	$ 879.75	*included*	$ 330.00	$ 1,297.75	$ -
4 Mbps	4	$ 607.20	$ 879.75	*included*	$ 330.00	$ 1,486.95	$ -

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
6 Mbps	6	$ 756.80	$ 879.75	*included*	$ 330.00	$ 1,636.55	$ -
8 Mbps	8	$ 954.80	$ 879.75	*included*	$ 330.00	$ 1,834.55	$ -
Burstable Select 50 Mbps*							
5 Mbps	5	$ 704.00	$ 1,488.00	*included*	$ 490.00	$ 2,192.00	$ -
10 Mbps	10	$ 1,179.20	$ 1,488.00	*included*	$ 490.00	$ 2,667.20	$ -
15 Mbps	15	$ 1,711.60	$ 1,488.00	*included*	$ 490.00	$ 3,199.60	$ -
20 Mbps	20	$ 2,257.20	$ 1,488.00	*included*	$ 490.00	$ 3,745.20	$ -
25 Mbps	25	$ 2,758.80	$ 1,488.00	*included*	$ 490.00	$ 4,246.80	$ -
30 Mbps	30	$ 3,176.80	$ 1,488.00	*included*	$ 490.00	$ 4,664.80	$ -
35 Mbps	35	$ 3,506.80	$ 1,488.00	*included*	$ 490.00	$ 4,994.80	$ -
40 Mbps	40	$ 3,775.20	$ 1,488.00	*included*	$ 490.00	$ 5,263.20	$ -
Burstable Select 100 Mbps*							
10 Mbps	10	$ 1,179.20	$ 2,975.00	*included*	$ 820.00	$ 4,154.20	$ -
20 Mbps	20	$ 2,257.20	$ 2,975.00	*included*	$ 820.00	$ 5,232.20	$ -
30 Mbps	30	$ 3,176.80	$ 2,975.00	*included*	$ 820.00	$ 6,151.80	$ -
40 Mbps	40	$ 3,775.20	$ 2,975.00	*included*	$ 820.00	$ 6,750.20	$ -
50 Mbps	50	$ 4,039.20	$ 2,975.00	*included*	$ 820.00	$ 7,014.20	$ -
60 Mbps	60	$ 4,461.60	$ 2,975.00	*included*	$ 820.00	$ 7,436.60	$ -
70 Mbps	70	$ 5,112.80	$ 2,975.00	*included*	$ 820.00	$ 8,087.80	$ -
80 Mbps	80	$ 5,843.20	$ 2,975.00	*included*	$ 820.00	$ 8,818.20	$ -
Burstable Select 600 Mbps**							
50 Mbps	50	$ 4,039.20	$ 3,447.60	*included*	$ 1,220.00	$ 7,486.80	$ -
100 Mbps	100	$ 6,899.20	$ 3,447.60	*included*	$ 1,220.00	$ 10,346.80	$ -
150 Mbps	150	$ 9,266.40	$ 3,447.60	*included*	$ 1,220.00	$ 12,714.00	$ -
200 Mbps	200	$ 11,435.60	$ 3,447.60	*included*	$ 1,220.00	$ 14,883.20	$ -
250 Mbps	250	$ 13,179.20	$ 3,447.60	*included*	$ 1,220.00	$ 16,626.80	$ -
300 Mbps	300	$ 16,464.80	$ 3,447.60	*included*	$ 1,220.00	$ 19,912.40	$ -
350 Mbps	350	$ 18,805.60	$ 3,447.60	*included*	$ 1,220.00	$ 22,253.20	$ -
400 Mbps	400	$ 21,067.20	$ 3,447.60	*included*	$ 1,220.00	$ 24,514.80	$ -
500 Mbps	500	$ 25,242.80	$ 3,447.60	*included*	$ 1,220.00	$ 28,690.40	$ -
Burstable Select 1,000 Mbps**							
75 Mbps	75	$ 5,416.20	$ 4,293.00	*included*	$ 1,870.00	$ 9,709.20	$ -
100 Mbps	100	$ 6,542.40	$ 4,293.00	*included*	$ 1,870.00	$ 10,835.40	$ -
150 Mbps	150	$ 9,028.80	$ 4,293.00	*included*	$ 1,870.00	$ 13,321.80	$ -
200 Mbps	200	$ 11,827.20	$ 4,293.00	*included*	$ 1,870.00	$ 16,120.20	$ -
250 Mbps	250	$ 14,256.00	$ 4,293.00	*included*	$ 1,870.00	$ 18,549.00	$ -
300 Mbps	300	$ 16,473.60	$ 4,293.00	*included*	$ 1,870.00	$ 20,766.60	$ -
400 Mbps	400	$ 20,697.60	$ 4,293.00	*included*	$ 1,870.00	$ 24,990.60	$ -
500 Mbps	500	$ 25,344.00	$ 4,293.00	*included*	$ 1,870.00	$ 29,637.00	$ -
600 Mbps	600	$ 29,779.20	$ 4,293.00	*included*	$ 1,870.00	$ 34,072.20	$ -
750 Mbps	750	$ 33,264.00	$ 4,293.00	*included*	$ 1,870.00	$ 37,557.00	$ -
Ancillary Internet Access Charges							
Port Reconfiguration Fee							
T1							$ 200.00
NxT1, T3							$ 600.00
OC-3, OC-12							$ 1,000.00
Relocation/Retermination Fee							
T1							$ 450.00
NxT1, T3							$ 750.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	OC-3, OC-12							$ 1,250.00
	Ethernet							$ 500.00
	Order Expedite Per Port							$ 1,400.00
	Relocation/Retermination							$ 500.00
	Off Hours Installation							$ 500.00
Access Circuit Pricing by CLLI Code								
T1 Access Circuits Rates By CLLI Code								
	CLLI Code							
	ACSHMAPL	1.5Mbps	*na*	$ 476.00	*na*	*na*	*na*	$ -
	ACTNMAMA	1.5Mbps	*na*	$ 357.00	*na*	*na*	*na*	$ -
	ADMSMAMA	1.5Mbps	*na*	$ 731.00	*na*	*na*	*na*	$ -
	AGWMMARO	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	AMHRMAFE	1.5Mbps	*na*	$ 391.00	*na*	*na*	*na*	$ -
	AMHRMASP	1.5Mbps	*na*	$ 383.00	*na*	*na*	*na*	$ -
	AMSBMAPL	1.5Mbps	*na*	$ 417.00	*na*	*na*	*na*	$ -
	ANDVMAEL	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	ANDVMAFM	1.5Mbps	*na*	$ 315.00	*na*	*na*	*na*	$ -
	ARTNMAPL	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	ASFDMAMA	1.5Mbps	*na*	$ 527.00	*na*	*na*	*na*	$ -
	ASHBMASO	1.5Mbps	*na*	$ 510.00	*na*	*na*	*na*	$ -
	ASHMMAPL	1.5Mbps	*na*	$ 502.00	*na*	*na*	*na*	$ -
	ASLDMAMA	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	ASNTMAMA	1.5Mbps	*na*	$ 366.00	*na*	*na*	*na*	$ -
	ATHOMARI	1.5Mbps	*na*	$ 553.00	*na*	*na*	*na*	$ -
	ATLBMABA	1.5Mbps	*na*	$ 272.00	*na*	*na*	*na*	$ -
	AUBNMALG	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	AYERMAPL	1.5Mbps	*na*	$ 357.00	*na*	*na*	*na*	$ -
	BARRMAJA	1.5Mbps	*na*	$ 459.00	*na*	*na*	*na*	$ -
	BCKTMAWA	1.5Mbps	*na*	$ 561.00	*na*	*na*	*na*	$ -
	BDFRMAPA	1.5Mbps	*na*	$ 204.00	*na*	*na*	*na*	$ -
	BITNMAWI	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	BKLIMAGG	1.5Mbps	*na*	$ 247.00	*na*	*na*	*na*	$ -
	BKLIMAMA	1.5Mbps	*na*	$ 272.00	*na*	*na*	*na*	$ -
	BLMTMALE	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BLNDMAGL	1.5Mbps	*na*	$ 434.00	*na*	*na*	*na*	$ -
	BLRCMAAN	1.5Mbps	*na*	$ 196.00	*na*	*na*	*na*	$ -
	BLTWMAJA	1.5Mbps	*na*	$ 315.00	*na*	*na*	*na*	$ -
	BMFDMAWA	1.5Mbps	*na*	$ 298.00	*na*	*na*	*na*	$ -
	BOTNMAMA	1.5Mbps	*na*	$ 306.00	*na*	*na*	*na*	$ -
	BRLNMAHI	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BRNRMACH	1.5Mbps	*na*	$ 587.00	*na*	*na*	*na*	$ -
	BRNSMAMA	1.5Mbps	*na*	$ 723.00	*na*	*na*	*na*	$ -
	BRNTMAWA	1.5Mbps	*na*	$ 204.00	*na*	*na*	*na*	$ -
	BRPKMAWI	1.5Mbps	*na*	$ 289.00	*na*	*na*	*na*	$ -
	BRTNMACR	1.5Mbps	*na*	$ 281.00	*na*	*na*	*na*	$ -
	BRWRMACH	1.5Mbps	*na*	$ 349.00	*na*	*na*	*na*	$ -
	BRWSMAYA	1.5Mbps	*na*	$ 850.00	*na*	*na*	*na*	$ -
	BRYVMAUN	1.5Mbps	*na*	$ 374.00	*na*	*na*	*na*	$ -
	BSRVMAST	1.5Mbps	*na*	$ 782.00	*na*	*na*	*na*	$ -
	BSTNMABE	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAFR	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAHA	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMABO	1.5Mbps	*na*	$ 179.00	*na*	*na*	*na*	$ -
	BSTNMAWH	1.5Mbps	*na*	$ 221.00	*na*	*na*	*na*	$ -

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	BURLMABE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	BVRLMAEL	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	BYTNMAMA	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	BZBYMAPE	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	CATNMANM	1.5Mbps	na	$ 238.00	na	na	na	$ -				
	CHCPMARI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CHCPMAWE	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CHESMAMU	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	CHFDMASB	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	CHFRMANO	1.5Mbps	na	$ 204.00	na	na	na	$ -				
	CHHMMAOH	1.5Mbps	na	$ 867.00	na	na	na	$ -				
	CHLMMAST	1.5Mbps	na	$ 782.00	na	na	na	$ -				
	CHLSMACH	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	CHMTMASO	1.5Mbps	na	$ 663.00	na	na	na	$ -				
	CLRNMAYA	1.5Mbps	na	$ 595.00	na	na	na	$ -				
	CLTNMACH	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	CMBRMABE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	CMBRMAWA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	CMTNMAMA	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	CNCRMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CNTNMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	CNWYMASH	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	CRVRMAMA	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	CTMTMADE	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	DDHMMAWA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	DGTNMAEL	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	DLTNMACA	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	DNNSMAYA	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	DNVSMAHI	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	DRCHMAAD	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	DRCTMAMM	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	DXBRMACH	1.5Mbps	na	$ 434.00	na	na	na	$ -				
	EBSTMASA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	EBWRMABE	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	EDGLMAMA	1.5Mbps	na	$ 391.00	na	na	na	$ -				
	EDGRMAPP	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	EHMPMARA	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	ELNMMAPL	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	ESSXMASP	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	ESTNMANM	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	FKLNMAMC	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	FLMOMAMG	1.5Mbps	na	$ 697.00	na	na	na	$ -				
	FLRVMANM	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	FRMNMAUN	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	FTBGMAMA	1.5Mbps	na	$ 442.00	na	na	na	$ -				
	FXBOMACO	1.5Mbps	na	$ 221.00	na	na	na	$ -				
	GFTNMAWO	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	GLCSMAEL	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	GLVLMAHI	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	GNDLMASU	1.5Mbps	na	$ 272.00	na	na	na	$ -				
	GNFDMABP	1.5Mbps	na	$ 527.00	na	na	na	$ -				
	GRBRMABQ	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	GRBRMASC	1.5Mbps	na	$ 468.00	na	na	na	$ -				
	GRNBMAXA	1.5Mbps	na	$ 476.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	GRNRMAWE	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	GRTNMAHO	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	GRTWMAWI	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	GRVIMAWG	1.5Mbps	na	$ 459.00	na	na	na	$ -				
	HBTNMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	HDSNMAFR	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	HLDNMAHO	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	HLYKMAFW	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HLYKMAMH	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	HMPDMAMA	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	HMTNMAWI	1.5Mbps	na	$ 578.00	na	na	na	$ -				
	HNDLMASO	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HNHMMAGR	1.5Mbps	na	$ 434.00	na	na	na	$ -				
	HNTNMAMA	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	HNVRMACO	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HPTNMAHR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	HRVRMALI	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	HRWCMAMA	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	HSTNMAMA	1.5Mbps	na	$ 391.00	na	na	na	$ -				
	HTFDMACH	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HVHLMAWI	1.5Mbps	na	$ 731.00	na	na	na	$ -				
	HYNSMAOC	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	HYPKMAHA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	INORMARL	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	IPSWMACO	1.5Mbps	na	$ 442.00	na	na	na	$ -				
	KGTNMASL	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	LDLWMAAJ	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LDLWMAWI	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	LEEEMAHI	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	LENXMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	LMNSMABQ	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	LMNSMASC	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	LNBGMASC	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LTTNMAKI	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LWRNMAAI	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LWRNMACA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LXTNMACS	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	LXTNMAWA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	LYFDMACA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	LYNNMACH	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	MARNMAMI	1.5Mbps	na	$ 408.00	na	na	na	$ -				
	MDLBMAJA	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	MEFDMAPL	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	MEWYMAVI	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	MLBRMAGR	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	MLDNMAEL	1.5Mbps	na	$ 519.00	na	na	na	$ -				
	MLFLMACR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	MLFRMAWA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	MLISMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	MLTNMAAD	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	MNCHMASU	1.5Mbps	na	$ 179.00	na	na	na	$ -				
	MNFDMABR	1.5Mbps	na	$ 536.00	na	na	na	$ -				
	MNMTMAMA	1.5Mbps	na	$ 272.00	na	na	na	$ -				
	MNSNMAMA	1.5Mbps	na	$ 374.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MRBOMAFZ	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	MRBOMAMA	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	MRFDMAMA	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	MRMCMACE	1.5Mbps	na	$ 714.00	na	na	na	$ -				
	MSHPMAGN	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	MTAGMACE	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	MTPSMAMH	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	NADMMABP	1.5Mbps	na	$ 706.00	na	na	na	$ -				
	NADMMASU	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	NATLMAOE	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	NATNMAMA	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	NBFDMASM	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	NBFRMAAE	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	NBPTMAGR	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NCHLMAGR	1.5Mbps	na	$ 952.00	na	na	na	$ -				
	NCKTMAUN	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NDHMMAPI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NFRMMAED	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	NRBOMASC	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	NRFDMAAE	1.5Mbps	na	$ 595.00	na	na	na	$ -				
	NRFDMAMA	1.5Mbps	na	$ 264.00	na	na	na	$ -				
	NRWDMAGC	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	NRWDMAVE	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	NRWLMAMA	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	NWTNMAFD	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	NWTNMAWA	1.5Mbps	na	$ 408.00	na	na	na	$ -				
	OKHMMARU	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	ORLNMAYA	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	ORNGMASM	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	OSVLMAWB	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	OTISMAEO	1.5Mbps	na	$ 493.00	na	na	na	$ -				
	OXFRMAWH	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	PBDYMACE	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	PLMOMACO	1.5Mbps	na	$ 230.00	na	na	na	$ -				
	PLMRMAPL	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	PPRLMAHI	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	PRTNMABO	1.5Mbps	na	$ 646.00	na	na	na	$ -				
	PRVNMAWI	1.5Mbps	na	$ 629.00	na	na	na	$ -				
	PTFDMABF	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	PTFDMAFE	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	QNCYMADM	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	QNCYMAHA	1.5Mbps	na	$ 816.00	na	na	na	$ -				
	RCMDMAXA	1.5Mbps	na	$ 502.00	na	na	na	$ -				
	RCPTMAMA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	RDNGMALI	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	REVRMABE	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	RKLDMAAY	1.5Mbps	na	$ 306.00	na	na	na	$ -				
	RKLDMAWE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	RNDHMAME	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	ROCHMANO	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	RSSLMAMA	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	RTLDMAMA	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	RWLYMAHA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	RXBRMAWA	1.5Mbps	na	$ 289.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	SALMMACQ	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	SALMMANO	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	SBDGMAMA	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	SBTNMAFH	1.5Mbps	na	$ 1,012.00	na	na	na	$ -				
	SCNSMABH	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	SCTTMAFP	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	SDBRMABP	1.5Mbps	na	$ 459.00	na	na	na	$ -				
	SDFDMACO	1.5Mbps	na	$ 638.00	na	na	na	$ -				
	SGMRMAYA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	SGTNMAWA	1.5Mbps	na	$ 621.00	na	na	na	$ -				
	SHFDMAMA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	SHRNMAHI	1.5Mbps	na	$ 323.00	na	na	na	$ -				
	SHRWMAGR	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	SHRYMACH	1.5Mbps	na	$ 561.00	na	na	na	$ -				
	SLFLMACR	1.5Mbps	na	$ 510.00	na	na	na	$ -				
	SNDSMAOT	1.5Mbps	na	$ 247.00	na	na	na	$ -				
	SOVLMACE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	SPFDMAWO	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	SPNCMAME	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	STBGMAMA	1.5Mbps	na	$ 663.00	na	na	na	$ -				
	STBRMAPI	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	STNGMABR	1.5Mbps	na	$ 357.00	na	na	na	$ -				
	SWCKMACO	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	TMTNMAME	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	TNTNMAPL	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	TPFDMACE	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	TRFLMAAA	1.5Mbps	na	$ 536.00	na	na	na	$ -				
	TWBYMARO	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	TWNSMARA	1.5Mbps	na	$ 417.00	na	na	na	$ -				
	TYNGMAKE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	UPTNMAPI	1.5Mbps	na	$ 374.00	na	na	na	$ -				
	UXBRMACO	1.5Mbps	na	$ 400.00	na	na	na	$ -				
	VYHVMAED	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	WAHMMAHI	1.5Mbps	na	$ 544.00	na	na	na	$ -				
	WAREMABA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	WBSTMANE	1.5Mbps	na	$ 332.00	na	na	na	$ -				
	WBTNMAPR	1.5Mbps	na	$ 349.00	na	na	na	$ -				
	WHMNMAWA	1.5Mbps	na	$ 366.00	na	na	na	$ -				
	WHVLMAPA	1.5Mbps	na	$ 400.00	na	na	na	$ -				
	WKFDMABE	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	WLBGMAMA	1.5Mbps	na	$ 425.00	na	na	na	$ -				
	WLBRMAMA	1.5Mbps	na	$ 315.00	na	na	na	$ -				
	WLHMMAJF	1.5Mbps	na	$ 230.00	na	na	na	$ -				
	WLHMMASP	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	WLHMMAWE	1.5Mbps	na	$ 196.00	na	na	na	$ -				
	WLLFMAMA	1.5Mbps	na	$ 757.00	na	na	na	$ -				
	WLMGMAMA	1.5Mbps	na	$ 298.00	na	na	na	$ -				
	WLPLMASS	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	WLSLMALA	1.5Mbps	na	$ 289.00	na	na	na	$ -				
	WLTWMAWA	1.5Mbps	na	$ 799.00	na	na	na	$ -				
	WMNSMAEL	1.5Mbps	na	$ 485.00	na	na	na	$ -				
	WNCHMAMA	1.5Mbps	na	$ 281.00	na	na	na	$ -				
	WNDNMAGR	1.5Mbps	na	$ 553.00	na	na	na	$ -				
	WNTHMAMA	1.5Mbps	na	$ 289.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	WNWBMAMA	1.5Mbps	na	$ 366.00	na	na	na	$ -
	WOTNMAWI	1.5Mbps	na	$ 502.00	na	na	na	$ -
	WPBDMAPI	1.5Mbps	na	$ 357.00	na	na	na	$ -
	WRCSMACE	1.5Mbps	na	$ 238.00	na	na	na	$ -
	WRHMMASO	1.5Mbps	na	$ 281.00	na	na	na	$ -
	WRRNMAQU	1.5Mbps	na	$ 306.00	na	na	na	$ -
	WRXBMABE	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WSBGMALE	1.5Mbps	na	$ 646.00	na	na	na	$ -
	WSBOMASU	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WSFDMAWA	1.5Mbps	na	$ 315.00	na	na	na	$ -
	WSFRMADE	1.5Mbps	na	$ 298.00	na	na	na	$ -
	WSPTMADR	1.5Mbps	na	$ 570.00	na	na	na	$ -
	WTTWMAWC	1.5Mbps	na	$ 281.00	na	na	na	$ -
	WYLDMABP	1.5Mbps	na	$ 289.00	na	na	na	$ -
	WYMOMAMI	1.5Mbps	na	$ 289.00	na	na	na	$ -
T3 Access Circuits Rates By CLLI Code								
	CLLI Code							
	ACSHMAPL	45Mbps	na	$ 2,849.00	na	na	na	$ -
	ACTNMAMA	45Mbps	na	$ 3,026.00	na	na	na	$ -
	ADMSMAMA	45Mbps	na	$ 6,452.00	na	na	na	$ -
	AGWMMARO	45Mbps	na	$ 2,355.00	na	na	na	$ -
	AMHRMAFE	45Mbps	na	$ 3,689.00	na	na	na	$ -
	AMHRMASP	45Mbps	na	$ 3,596.00	na	na	na	$ -
	AMSBMAPL	45Mbps	na	$ 10,923.00	na	na	na	$ -
	ANDVMAEL	45Mbps	na	$ 2,457.00	na	na	na	$ -
	ANDVMAFM	45Mbps	na	$ 2,695.00	na	na	na	$ -
	ARTNMAPL	45Mbps	na	$ 2,457.00	na	na	na	$ -
	ASFDMAMA	45Mbps	na	$ 5,024.00	na	na	na	$ -
	ASHBMASO	45Mbps	na	$ 4,454.00	na	na	na	$ -
	ASHMMAPL	45Mbps	na	$ 4,735.00	na	na	na	$ -
	ASLDMAMA	45Mbps	na	$ 2,355.00	na	na	na	$ -
	ASNTMAMA	45Mbps	na	$ 3,613.00	na	na	na	$ -
	ATHOMARI	45Mbps	na	$ 5,491.00	na	na	na	$ -
	ATLBMABA	45Mbps	na	$ 2,661.00	na	na	na	$ -
	AUBNMALG	45Mbps	na	$ 2,924.00	na	na	na	$ -
	AYERMAPL	45Mbps	na	$ 3,307.00	na	na	na	$ -
	BARRMAJA	45Mbps	na	$ 4,259.00	na	na	na	$ -
	BCKTMAWA	45Mbps	na	$ 4,930.00	na	na	na	$ -
	BDFRMAPA	45Mbps	na	$ 1,556.00	na	na	na	$ -
	BITNMAWI	45Mbps	na	$ 2,355.00	na	na	na	$ -
	BKLIMAGG	45Mbps	na	$ 2,261.00	na	na	na	$ -
	BKLIMAMA	45Mbps	na	$ 2,304.00	na	na	na	$ -
	BLMTMALE	45Mbps	na	$ 2,457.00	na	na	na	$ -
	BLNDMAGL	45Mbps	na	$ 3,783.00	na	na	na	$ -
	BLRCMAAN	45Mbps	na	$ 1,496.00	na	na	na	$ -
	BLTWMAJA	45Mbps	na	$ 2,924.00	na	na	na	$ -
	BMFDMAWA	45Mbps	na	$ 2,737.00	na	na	na	$ -
	BOTNMAMA	45Mbps	na	$ 2,831.00	na	na	na	$ -
	BRLNMAHI	45Mbps	na	$ 2,644.00	na	na	na	$ -
	BRNRMACH	45Mbps	na	$ 5,593.00	na	na	na	$ -
	BRNSMAMA	45Mbps	na	$ 5,610.00	na	na	na	$ -
	BRNTMAWA	45Mbps	na	$ 1,556.00	na	na	na	$ -
	BRPKMAWI	45Mbps	na	$ 2,457.00	na	na	na	$ -
	BRTNMACR	45Mbps	na	$ 1,819.00	na	na	na	$ -
	BRWRMACH	45Mbps	na	$ 3,111.00	na	na	na	$ -

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	BRWSMAYA	45Mbps	na	$ 6,749.00	na	na	na	$ -				
	BRYVMAUN	45Mbps	na	$ 3,400.00	na	na	na	$ -				
	BSRVMAST	45Mbps	na	$ 6,180.00	na	na	na	$ -				
	BSTNMABE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAFR	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAHA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	BSTNMAWH	45Mbps	na	$ 1,590.00	na	na	na	$ -				
	BURLMABE	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	BVRLMAEL	45Mbps	na	$ 3,409.00	na	na	na	$ -				
	BYTNMAMA	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	BZBYMAPE	45Mbps	na	$ 4,276.00	na	na	na	$ -				
	CATNMANM	45Mbps	na	$ 1,930.00	na	na	na	$ -				
	CHCPMARI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	CHCPMAWE	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	CHESMAMU	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	CHFDMASB	45Mbps	na	$ 4,361.00	na	na	na	$ -				
	CHFRMANO	45Mbps	na	$ 1,556.00	na	na	na	$ -				
	CHHMMAOH	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	CHLMMAST	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	CHLSMACH	45Mbps	na	$ 2,355.00	na	na	na	$ -				
	CHMTMASO	45Mbps	na	$ 5,789.00	na	na	na	$ -				
	CLRNMAYA	45Mbps	na	$ 5,687.00	na	na	na	$ -				
	CLTNMACH	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	CMBRMABE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	CMBRMAWA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	CMTNMAMA	45Mbps	na	$ 4,930.00	na	na	na	$ -				
	CNCRMAWA	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	CNTNMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	CNWYMASH	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	CRVRMAMA	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	CTMTMADE	45Mbps	na	$ 4,089.00	na	na	na	$ -				
	DDHMMAWA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	DGTNMAEL	45Mbps	na	$ 3,426.00	na	na	na	$ -				
	DLTNMACA	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	DNNSMAYA	45Mbps	na	$ 6,273.00	na	na	na	$ -				
	DNVSMAHI	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	DRCHMAAD	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	DRCTMAMM	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	DXBRMACH	45Mbps	na	$ 4,072.00	na	na	na	$ -				
	EBSTMASA	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	EBWRMABE	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	EDGLMAMA	45Mbps	na	$ 3,876.00	na	na	na	$ -				
	EDGRMAPP	45Mbps	na	$ 5,134.00	na	na	na	$ -				
	EHMPMARA	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	ELNMMAPL	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	ESSXMASP	45Mbps	na	$ 3,978.00	na	na	na	$ -				
	ESTNMANM	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	FKLNMAMC	45Mbps	na	$ 2,950.00	na	na	na	$ -				
	FLMOMAMG	45Mbps	na	$ 4,182.00	na	na	na	$ -				
	FLRVMANM	45Mbps	na	$ 3,706.00	na	na	na	$ -				
	FRMNMAUN	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	FTBGMAMA	45Mbps	na	$ 4,165.00	na	na	na	$ -				
	FXBOMACO	45Mbps	na	$ 2,185.00	na	na	na	$ -				
	GFTNMAWO	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GLCSMAEL	45Mbps	na	$ 4,454.00	na	na	na	$ -				
	GLVLMAHI	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GNDLMASU	45Mbps	na	$ 2,737.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	GNFDMABP	45Mbps	na	$ 5,024.00	na	na	na	$ -				
	GRBRMABQ	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	GRBRMASC	45Mbps	na	$ 4,097.00	na	na	na	$ -				
	GRNBMAXA	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	GRNRMAWE	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	GRTNMAHO	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	GRTWMAWI	45Mbps	na	$ 3,409.00	na	na	na	$ -				
	GRVIMAWG	45Mbps	na	$ 4,259.00	na	na	na	$ -				
	HBTNMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	HDSNMAFR	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	HLDNMAHO	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	HLYKMAFW	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HLYKMAMH	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	HMPDMAMA	45Mbps	na	$ 3,596.00	na	na	na	$ -				
	HMTNMAWI	45Mbps	na	$ 5,500.00	na	na	na	$ -				
	HNDLMASO	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HNHMMAGR	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	HNTNMAMA	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	HNVRMACO	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HPTNMAHR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	HRVRMALI	45Mbps	na	$ 6,749.00	na	na	na	$ -				
	HRWCMAMA	45Mbps	na	$ 5,976.00	na	na	na	$ -				
	HSTNMAMA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	HTFDMACH	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HVHLMAWI	45Mbps	na	$ 5,610.00	na	na	na	$ -				
	HYNSMAOC	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	HYPKMAHA	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	INORMARL	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	IPSWMACO	45Mbps	na	$ 4,063.00	na	na	na	$ -				
	KGTNMASL	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	LDLWMAAJ	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LDLWMAWI	45Mbps	na	$ 5,593.00	na	na	na	$ -				
	LEEEMAHI	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	LENXMAWA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	LMNSMABQ	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	LMNSMASC	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	LNBGMASC	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LTTNMAKI	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	LWRNMAAI	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	LXTNMACS	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	LXTNMAWA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	LYFDMACA	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	LYNNMACH	45Mbps	na	$ 3,417.00	na	na	na	$ -				
	MARNMAMI	45Mbps	na	$ 3,706.00	na	na	na	$ -				
	MDLBMAJA	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	MEFDMAPL	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	MEWYMAVI	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	MLBRMAGR	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	MLDNMAEL	45Mbps	na	$ 4,922.00	na	na	na	$ -				
	MLFLMACR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	MLFRMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	MLISMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	MLTNMAAD	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	MNCHMASU	45Mbps	na	$ 1,377.00	na	na	na	$ -				
	MNFDMABR	45Mbps	na	$ 5,015.00	na	na	na	$ -				
	MNMTMAMA	45Mbps	na	$ 2,542.00	na	na	na	$ -				
	MNSNMAMA	45Mbps	na	$ 3,213.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MRBOMAFZ	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	MRBOMAMA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	MRFDMAMA	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	MRMCMACE	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	MSHPMAGN	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	MTAGMACE	45Mbps	na	$ 3,035.00	na	na	na	$ -				
	MTPSMAMH	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	NADMMABP	45Mbps	na	$ 6,741.00	na	na	na	$ -				
	NADMMASU	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	NATLMAOE	45Mbps	na	$ 3,400.00	na	na	na	$ -				
	NATNMAMA	45Mbps	na	$ 3,494.00	na	na	na	$ -				
	NBFDMASM	45Mbps	na	$ 1,845.00	na	na	na	$ -				
	NBFRMAAE	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	NBPTMAGR	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	NCHLMAGR	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	NCKTMAUN	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	NDHMMAPI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	NFRMMAED	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	NRBOMASC	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	NRFDMAAE	45Mbps	na	$ 5,687.00	na	na	na	$ -				
	NRFDMAMA	45Mbps	na	$ 2,380.00	na	na	na	$ -				
	NRWDMAGC	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	NRWDMAVE	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	NRWLMAMA	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	NWTNMAFD	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	NWTNMAWA	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	OKHMMARU	45Mbps	na	$ 7,225.00	na	na	na	$ -				
	ORLNMAYA	45Mbps	na	$ 5,780.00	na	na	na	$ -				
	ORNGMASM	45Mbps	na	$ 5,134.00	na	na	na	$ -				
	OSVLMAWB	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	OTISMAEO	45Mbps	na	$ 4,641.00	na	na	na	$ -				
	OXFRMAWH	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	PBDYMACE	45Mbps	na	$ 4,352.00	na	na	na	$ -				
	PLMOMACO	45Mbps	na	$ 2,100.00	na	na	na	$ -				
	PLMRMAPL	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	PPRLMAHI	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	PRTNMABO	45Mbps	na	$ 6,163.00	na	na	na	$ -				
	PRVNMAWI	45Mbps	na	$ 5,976.00	na	na	na	$ -				
	PTFDMABF	45Mbps	na	$ 6,069.00	na	na	na	$ -				
	PTFDMAFE	45Mbps	na	$ 4,828.00	na	na	na	$ -				
	QNCYMADM	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	QNCYMAHA	45Mbps	na	$ 7,285.00	na	na	na	$ -				
	RCMDMAXA	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	RCPTMAMA	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	RDNGMALI	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	REVRMABE	45Mbps	na	$ 3,230.00	na	na	na	$ -				
	RKLDMAAY	45Mbps	na	$ 2,831.00	na	na	na	$ -				
	RKLDMAWE	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	RNDHMAME	45Mbps	na	$ 3,511.00	na	na	na	$ -				
	ROCHMANO	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	RSSLMAMA	45Mbps	na	$ 3,494.00	na	na	na	$ -				
	RTLDMAMA	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	RWLYMAHA	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	RXBRMAWA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	SALMMACQ	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	SALMMANO	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	SBDGMAMA	45Mbps	na	$ 2,261.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	SBTNMAFH	45Mbps	na	$ 7,795.00	na	na	na	$ -				
	SCNSMABH	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	SCTTMAFP	45Mbps	na	$ 2,644.00	na	na	na	$ -				
	SDBRMABP	45Mbps	na	$ 4,352.00	na	na	na	$ -				
	SDFDMACO	45Mbps	na	$ 4,658.00	na	na	na	$ -				
	SGMRMAYA	45Mbps	na	$ 2,754.00	na	na	na	$ -				
	SGTNMAWA	45Mbps	na	$ 5,882.00	na	na	na	$ -				
	SHFDMAMA	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	SHRNMAHI	45Mbps	na	$ 3,018.00	na	na	na	$ -				
	SHRWMAGR	45Mbps	na	$ 3,502.00	na	na	na	$ -				
	SHRYMACH	45Mbps	na	$ 5,304.00	na	na	na	$ -				
	SLFLMACR	45Mbps	na	$ 4,454.00	na	na	na	$ -				
	SNDSMAOT	45Mbps	na	$ 2,261.00	na	na	na	$ -				
	SOVLMACE	45Mbps	na	$ 1,445.00	na	na	na	$ -				
	SPFDMAWO	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	SPNCMAME	45Mbps	na	$ 3,111.00	na	na	na	$ -				
	STBGMAMA	45Mbps	na	$ 5,789.00	na	na	na	$ -				
	STBRMAPI	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	STNGMABR	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	SWCKMACO	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TMTNMAME	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TNTNMAPL	45Mbps	na	$ 2,950.00	na	na	na	$ -				
	TPFDMACE	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	TRFLMAAA	45Mbps	na	$ 5,117.00	na	na	na	$ -				
	TWBYMARO	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	TWNSMARA	45Mbps	na	$ 3,885.00	na	na	na	$ -				
	TYNGMAKE	45Mbps	na	$ 2,737.00	na	na	na	$ -				
	UPTNMAPI	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	UXBRMACO	45Mbps	na	$ 3,783.00	na	na	na	$ -				
	VYHVMAED	45Mbps	na	$ 4,463.00	na	na	na	$ -				
	WAHMMAHI	45Mbps	na	$ 3,800.00	na	na	na	$ -				
	WAREMABA	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	WBSTMANE	45Mbps	na	$ 3,307.00	na	na	na	$ -				
	WBTNMAPR	45Mbps	na	$ 3,213.00	na	na	na	$ -				
	WHMNMAWA	45Mbps	na	$ 2,924.00	na	na	na	$ -				
	WHVLMAPA	45Mbps	na	$ 3,689.00	na	na	na	$ -				
	WKFDMABE	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	WLBGMAMA	45Mbps	na	$ 3,978.00	na	na	na	$ -				
	WLBRMAMA	45Mbps	na	$ 2,933.00	na	na	na	$ -				
	WLHMMAJF	45Mbps	na	$ 1,649.00	na	na	na	$ -				
	WLHMMASP	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	WLHMMAWE	45Mbps	na	$ 1,496.00	na	na	na	$ -				
	WLLFMAMA	45Mbps	na	$ 7,217.00	na	na	na	$ -				
	WLMGMAMA	45Mbps	na	$ 2,550.00	na	na	na	$ -				
	WLPLMASS	45Mbps	na	$ 2,754.00	na	na	na	$ -				
	WLSLMALA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	WLTWMAWA	45Mbps	na	$ 7,021.00	na	na	na	$ -				
	WMNSMAEL	45Mbps	na	$ 4,361.00	na	na	na	$ -				
	WNCHMAMA	45Mbps	na	$ 2,406.00	na	na	na	$ -				
	WNDNMAGR	45Mbps	na	$ 5,491.00	na	na	na	$ -				
	WNTHMAMA	45Mbps	na	$ 2,457.00	na	na	na	$ -				
	WNWBMAMA	45Mbps	na	$ 3,120.00	na	na	na	$ -				
	WOTNMAWI	45Mbps	na	$ 4,735.00	na	na	na	$ -				
	WPBDMAPI	45Mbps	na	$ 3,026.00	na	na	na	$ -				
	WRCSMACE	45Mbps	na	$ 1,930.00	na	na	na	$ -				
	WRHMMASO	45Mbps	na	$ 2,567.00	na	na	na	$ -				
	WRRNMAQU	45Mbps	na	$ 2,831.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	WRXBMABE	45Mbps	na	$ 2,644.00	na	na	na	$ -
	WSBGMALE	45Mbps	na	$ 6,163.00	na	na	na	$ -
	WSBOMASU	45Mbps	na	$ 2,686.00	na	na	na	$ -
	WSFDMAWA	45Mbps	na	$ 2,933.00	na	na	na	$ -
	WSFRMADE	45Mbps	na	$ 2,550.00	na	na	na	$ -
	WSPTMADR	45Mbps	na	$ 3,417.00	na	na	na	$ -
	WTTWMAWC	45Mbps	na	$ 2,355.00	na	na	na	$ -
	WYLDMABP	45Mbps	na	$ 2,644.00	na	na	na	$ -
	WYMOMAMI	45Mbps	na	$ 2,457.00	na	na	na	$ -
Ethernet Access Pricing								
Type 2 Ethernet Access Circuit								
Rate Bands E, F, G and H excluded because Massachusetts Currently has no CLLIs in these Bands.								
	Rate Band A	**100Mb Interface**						
	Band A CLLI Codes:	1 Mbps	na	$ 863.00	na	na	na	$ -
	ATLBMABA	2	na	$ 876.00	na	na	na	$ -
	BITNMAWI	3	na	$ 888.00	na	na	na	$ -
	BRTNMACO	4	na	$ 901.00	na	na	na	$ -
	BSTNMABE	5	na	$ 914.00	na	na	na	$ -
	BSTNMAFR	6	na	$ 927.00	na	na	na	$ -
	CMBRMABE	7	na	$ 939.00	na	na	na	$ -
	DRCHMAAD	8	na	$ 952.00	na	na	na	$ -
	EBSTNMASA	9	na	$ 965.00	na	na	na	$ -
	FRMNMAUN	10	na	$ 978.00	na	na	na	$ -
	HYNSMAOC	20	na	$ 1,105.00	na	na	na	$ -
	HYPKMAHA	30	na	$ 1,233.00	na	na	na	$ -
	LWRNMACA	40	na	$ 1,360.00	na	na	na	$ -
	LYNNMACH	50	na	$ 1,488.00	na	na	na	$ -
	MLDNMAEL	**1000Mb Interface**						
	MRBOMAMA	1 Mbps	na	$ 1,713.00	na	na	na	$ -
	MSHPMAGN	2	na	$ 1,726.00	na	na	na	$ -
	NBFRMAAE	3	na	$ 1,738.00	na	na	na	$ -
	NWTNMAWA	4	na	$ 1,751.00	na	na	na	$ -
	PLMOMACO	5	na	$ 1,765.00	na	na	na	$ -
	REVRMABE	6	na	$ 1,777.00	na	na	na	$ -
	RXBRMAWA	7	na	$ 1,789.00	na	na	na	$ -
	SBTNMAEF	8	na	$ 1,802.00	na	na	na	$ -
	SPFDMAWO	9	na	$ 1,815.00	na	na	na	$ -
	WLHMMAWE	10	na	$ 1,828.00	na	na	na	$ -
	WLMGMAMA	20	na	$ 1,955.00	na	na	na	$ -
	WRCSMACE	30	na	$ 2,083.00	na	na	na	$ -
	WRXBMABE	40	na	$ 2,210.00	na	na	na	$ -
		50	na	$ 2,338.00	na	na	na	$ -
		60	na	$ 2,465.00	na	na	na	$ -
		70	na	$ 2,593.00	na	na	na	$ -
		80	na	$ 2,720.00	na	na	na	$ -
		90	na	$ 2,848.00	na	na	na	$ -
		100	na	$ 2,975.00	na	na	na	$ -
		200	na	$ 4,165.00	na	na	na	$ -
		300	na	$ 5,355.00	na	na	na	$ -
		400	na	$ 6,545.00	na	na	na	$ -
		500	na	$ 7,735.00	na	na	na	$ -
	Rate Band B	**100Mb Interface**						

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	Band B CLLI Codes:	1 Mbps	*na*	$ 935.00	*na*	*na*	*na*	$ -				
	AGWMMARO	2	*na*	$ 948.00	*na*	*na*	*na*	$ -				
	ASLDMAMA	3	*na*	$ 961.00	*na*	*na*	*na*	$ -				
	BKLIMAGG	4	*na*	$ 973.00	*na*	*na*	*na*	$ -				
	BKLIMAMA	5	*na*	$ 986.00	*na*	*na*	*na*	$ -				
	BLMTMALE	6	*na*	$ 999.00	*na*	*na*	*na*	$ -				
	BRTNMACR	7	*na*	$ 1,012.00	*na*	*na*	*na*	$ -				
	BSTNMABO	8	*na*	$ 1,024.00	*na*	*na*	*na*	$ -				
	BSTNMAHA	9	*na*	$ 1,037.00	*na*	*na*	*na*	$ -				
	CHCPMARI	10	*na*	$ 1,050.00	*na*	*na*	*na*	$ -				
	CHLSMACH	20	*na*	$ 1,177.00	*na*	*na*	*na*	$ -				
	CMBRMAWA	30	*na*	$ 1,305.00	*na*	*na*	*na*	$ -				
	DDHMMAWA	40	*na*	$ 1,432.00	*na*	*na*	*na*	$ -				
	GNDLMASU	50	*na*	$ 1,560.00	*na*	*na*	*na*	$ -				
	LMNSMASC	**1000Mb Interface**										
	MLTNMAAD	1 Mbps	*na*	$ 1,883.00	*na*	*na*	*na*	$ -				
	NANDMAAA	2	*na*	$ 1,896.00	*na*	*na*	*na*	$ -				
	SAGSMACE	3	*na*	$ 1,908.00	*na*	*na*	*na*	$ -				
	SOVLMACE	4	*na*	$ 1,921.00	*na*	*na*	*na*	$ -				
	WLHMMASP	5	*na*	$ 1,934.00	*na*	*na*	*na*	$ -				
	WNTHMAMA	6	*na*	$ 1,947.00	*na*	*na*	*na*	$ -				
	WTTWMAWC	7	*na*	$ 1,959.00	*na*	*na*	*na*	$ -				
		8	*na*	$ 1,972.00	*na*	*na*	*na*	$ -				
		9	*na*	$ 1,985.00	*na*	*na*	*na*	$ -				
		10	*na*	$ 1,998.00	*na*	*na*	*na*	$ -				
		20	*na*	$ 2,125.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,252.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,380.00	*na*	*na*	*na*	$ -				
		50	*na*	$ 2,508.00	*na*	*na*	*na*	$ -				
		60	*na*	$ 2,635.00	*na*	*na*	*na*	$ -				
		70	*na*	$ 2,763.00	*na*	*na*	*na*	$ -				
		80	*na*	$ 2,890.00	*na*	*na*	*na*	$ -				
		90	*na*	$ 3,018.00	*na*	*na*	*na*	$ -				
		100	*na*	$ 3,145.00	*na*	*na*	*na*	$ -				
		200	*na*	$ 4,335.00	*na*	*na*	*na*	$ -				
		300	*na*	$ 5,525.00	*na*	*na*	*na*	$ -				
		400	*na*	$ 6,715.00	*na*	*na*	*na*	$ -				
		500	*na*	$ 7,905.00	*na*	*na*	*na*	$ -				
	Rate Band C	**100Mb Interface**										
	Band C CLLI Codes:	1 Mbps	*na*	$ 1,041.00	*na*	*na*	*na*	$ -				
	ACSHMAPL, ANDVMAEL	2	*na*	$ 1,054.00	*na*	*na*	*na*	$ -				
	ARTNMAPL, AUBMALG	3	*na*	$ 1,067.00	*na*	*na*	*na*	$ -				
	BDFRMAPA, BLRCMAAN	4	*na*	$ 1,080.00	*na*	*na*	*na*	$ -				
	BRLNMAHI, BRNSMAMA	5	*na*	$ 1,092.00	*na*	*na*	*na*	$ -				
	BRPKMAWI, BSRVMAST	6	*na*	$ 1,105.00	*na*	*na*	*na*	$ -				
	BURLMABE, CHCPMAWE	7	*na*	$ 1,118.00	*na*	*na*	*na*	$ -				
	DXBRMACH, EBWRMABE	8	*na*	$ 1,131.00	*na*	*na*	*na*	$ -				
	ELNMMAPL, ESTNMAMC	9	*na*	$ 1,143.00	*na*	*na*	*na*	$ -				
	FTBGMAMA, HDSNMAFR	10	*na*	$ 1,156.00	*na*	*na*	*na*	$ -				
	HLSTMACH, INPRMARL	20	*na*	$ 1,284.00	*na*	*na*	*na*	$ -				
	KGTNMASL, LCSRMAGR	30	*na*	$ 1,411.00	*na*	*na*	*na*	$ -				
	LGMDMALO, LNBGMASC	40	*na*	$ 1,539.00	*na*	*na*	*na*	$ -				
	MLBRMAGR, MRBLMAPL	50	*na*	$ 1,666.00	*na*	*na*	*na*	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
	MTPSMAMH, NATLMAOE	**1000Mb Interface**										
	NDHMMAPI, NFRMMAED	1 Mbps	*na*	$ 2,138.00	*na*	*na*	*na*	$ -				
	NRDGMACE, NRTNMATA	2	*na*	$ 2,151.00	*na*	*na*	*na*	$ -				
	NTCKMAEC, OSVLMAWB	3	*na*	$ 2,163.00	*na*	*na*	*na*	$ -				
	PBDYMACE, QNCYMAHA	4	*na*	$ 2,176.00	*na*	*na*	*na*	$ -				
	RDNGMALI, RHBTMABA	5	*na*	$ 2,189.00	*na*	*na*	*na*	$ -				
	RKLDMAWE, RNDHMAME	6	*na*	$ 2,202.00	*na*	*na*	*na*	$ -				
	SGTNMAWA, SDBRMABP	7	*na*	$ 2,214.00	*na*	*na*	*na*	$ -				
	TWBYMARO, SHRWMAGR	8	*na*	$ 2,227.00	*na*	*na*	*na*	$ -				
	WKFDMABE, WHMNMAWA	9	*na*	$ 2,240.00	*na*	*na*	*na*	$ -				
	WNCHMAMA, WLSLMALA	10	*na*	$ 2,253.00	*na*	*na*	*na*	$ -				
	WYLLDMABP	20	*na*	$ 2,380.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,508.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,635.00	*na*	*na*	*na*	$ -				
		50	*na*	$ 2,763.00	*na*	*na*	*na*	$ -				
		60	*na*	$ 2,890.00	*na*	*na*	*na*	$ -				
		70	*na*	$ 3,018.00	*na*	*na*	*na*	$ -				
		80	*na*	$ 3,145.00	*na*	*na*	*na*	$ -				
		90	*na*	$ 3,273.00	*na*	*na*	*na*	$ -				
		100	*na*	$ 3,400.00	*na*	*na*	*na*	$ -				
		200	*na*	$ 4,590.00	*na*	*na*	*na*	$ -				
		300	*na*	$ 5,780.00	*na*	*na*	*na*	$ -				
		400	*na*	$ 6,970.00	*na*	*na*	*na*	$ -				
		500	*na*	$ 8,160.00	*na*	*na*	*na*	$ -				
	Rate Band D	**100Mb Interface**										
	Band D CLLI Codes:	1 Mbps	*na*	$ 1,165.00	*na*	*na*	*na*	$ -				
	AYERMAPL, AYERMAPL	2	*na*	$ 1,177.00	*na*	*na*	*na*	$ -				
	BOTNMAMA, BOTNMAMA	3	*na*	$ 1,190.00	*na*	*na*	*na*	$ -				
	BRNTMAWA, BRNTMAWA	4	*na*	$ 1,203.00	*na*	*na*	*na*	$ -				
	BRWRMACH, BRWRMACH	5	*na*	$ 1,216.00	*na*	*na*	*na*	$ -				
	BVRLMAEL, BVRLMAEL	6	*na*	$ 1,228.00	*na*	*na*	*na*	$ -				
	BYTNMAMA, BYTNMAMA	7	*na*	$ 1,241.00	*na*	*na*	*na*	$ -				
	CHFRMANO, CHFRMANO	8	*na*	$ 1,254.00	*na*	*na*	*na*	$ -				
	CLTNMACH, CLTNMACH	9	*na*	$ 1,267.00	*na*	*na*	*na*	$ -				
	CNCRMAWA, CNCRMAWA	10	*na*	$ 1,279.00	*na*	*na*	*na*	$ -				
	CNTNMAWA, CNTNMAWA	20	*na*	$ 1,407.00	*na*	*na*	*na*	$ -				
	CRVRMAMA, CRVRMAMA	30	*na*	$ 1,535.00	*na*	*na*	*na*	$ -				
	CTMTADE, CTMTADE	40	*na*	$ 1,662.00	*na*	*na*	*na*	$ -				
	DNNSAYA, DNNSAYA	50	*na*	$ 1,789.00	*na*	*na*	*na*	$ -				
	DNVSMAHI, DNVSMAHI	**1000Mb Interface**										
	DRCTMAMM, DRCTMAMM	1 Mbps	*na*	$ 2,435.00	*na*	*na*	*na*	$ -				
	FXBOMACO, FXBOMACO	2	*na*	$ 2,448.00	*na*	*na*	*na*	$ -				
	GFTNMAWO, GFTNMAWO	3	*na*	$ 2,461.00	*na*	*na*	*na*	$ -				
	HLDNMAHI, HLDNMAHI	4	*na*	$ 2,474.00	*na*	*na*	*na*	$ -				
	HLYKMAMA, HLYKMAMA	5	*na*	$ 2,486.00	*na*	*na*	*na*	$ -				
	HNHMMAGR, HNHMMAGR	6	*na*	$ 2,499.00	*na*	*na*	*na*	$ -				
	HPTNMAHR	7	*na*	$ 2,512.00	*na*	*na*	*na*	$ -				
		8	*na*	$ 2,525.00	*na*	*na*	*na*	$ -				
		9	*na*	$ 2,537.00	*na*	*na*	*na*	$ -				
		10	*na*	$ 2,550.00	*na*	*na*	*na*	$ -				
		20	*na*	$ 2,678.00	*na*	*na*	*na*	$ -				
		30	*na*	$ 2,805.00	*na*	*na*	*na*	$ -				
		40	*na*	$ 2,933.00	*na*	*na*	*na*	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)				
		50	na	$ 3,060.00	na	na	na	$ -				
		60	na	$ 3,188.00	na	na	na	$ -				
		70	na	$ 3,315.00	na	na	na	$ -				
		80	na	$ 3,443.00	na	na	na	$ -				
		90	na	$ 3,570.00	na	na	na	$ -				
		100	na	$ 3,698.00	na	na	na	$ -				
		200	na	$ 4,888.00	na	na	na	$ -				
		300	na	$ 6,078.00	na	na	na	$ -				
		400	na	$ 7,268.00	na	na	na	$ -				
		500	na	$ 8,458.00	na	na	na	$ -				
	Rate Band I	**100Mb Interface**										
	Band I CLLI Codes:	1 Mbps	na	$ 1,322.00	na	na	na	$ -				
	ASHBMASO	2	na	$ 1,335.00	na	na	na	$ -				
	ASHMMAPL	3	na	$ 1,347.00	na	na	na	$ -				
	ASNTMAMA	4	na	$ 1,360.00	na	na	na	$ -				
	BZBYMAPE	5	na	$ 1,373.00	na	na	na	$ -				
	CATNMANM	6	na	$ 1,386.00	na	na	na	$ -				
	DGTNMAEL	7	na	$ 1,398.00	na	na	na	$ -				
	ESSXMASP	8	na	$ 1,411.00	na	na	na	$ -				
	FKLNMAMC	9	na	$ 1,424.00	na	na	na	$ -				
	GRNRMAWE	10	na	$ 1,437.00	na	na	na	$ -				
	GRTNMAHO	20	na	$ 1,564.00	na	na	na	$ -				
	GRTWMAWI	30	na	$ 1,692.00	na	na	na	$ -				
	HMTNMAWI	40	na	$ 1,819.00	na	na	na	$ -				
	HNVRMACO	50	na	$ 1,947.00	na	na	na	$ -				
	LTTNMAKI	**1000Mb Interface**										
	MDLBMAJA	1 Mbps	na	$ 2,665.00	na	na	na	$ -				
	MLFRMAWA	2	na	$ 2,831.00	na	na	na	$ -				
	MNSNMAMA	3	na	$ 2,843.00	na	na	na	$ -				
	MRFDMAMA	4	na	$ 2,856.00	na	na	na	$ -				
	MRMCMACE	5	na	$ 2,869.00	na	na	na	$ -				
	NATNMAMA	6	na	$ 2,882.00	na	na	na	$ -				
	NCHLMAGR	7	na	$ 2,895.00	na	na	na	$ -				
	OKHMMARU	8	na	$ 2,907.00	na	na	na	$ -				
	OXFRMAWH	9	na	$ 2,920.00	na	na	na	$ -				
	PLMRMAPL	10	na	$ 2,933.00	na	na	na	$ -				
	ROCHMANO	20	na	$ 3,060.00	na	na	na	$ -				
	RTLDMAMA	30	na	$ 3,188.00	na	na	na	$ -				
	SBDGMAMA	40	na	$ 3,315.00	na	na	na	$ -				
	SGMRMAYA	50	na	$ 3,442.50	na	na	na	$ -				
	TPFDMACE	60	na	$ 3,570.00	na	na	na	$ -				
	TYNGMAKE	70	na	$ 3,698.00	na	na	na	$ -				
	WAHMMAHI	80	na	$ 3,825.00	na	na	na	$ -				
	WHVLMAPA	90	na	$ 3,953.00	na	na	na	$ -				
	WNWBMAMA	100	na	$ 4,080.00	na	na	na	$ -				
	WSFRMADE	200	na	$ 5,270.00	na	na	na	$ -				
	YHVMAED	300	na	$ 6,460.00	na	na	na	$ -				
		400	na	$ 7,650.00	na	na	na	$ -				
		500	na	$ 8,840.00	na	na	na	$ -				
	Rate Band J	**100Mb Interface**										
	Band J CLLI Codes:	1 Mbps	na	$ 1,500.00	na	na	na	$ -				
	AMHRMAFE	2	na	$ 1,513.00	na	na	na	$ -				
	AMHRMASP	3	na	$ 1,526.00	na	na	na	$ -				

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
	BLNDMAGL	4	na	$ 1,539.00	na	na	na	$ -
	BLTWMAJA	5	na	$ 1,551.00	na	na	na	$ -
	CHESMAMU	6	na	$ 1,564.00	na	na	na	$ -
	CHHMMAOH	7	na	$ 1,577.00	na	na	na	$ -
	CHLMMAST	8	na	$ 1,590.00	na	na	na	$ -
	EDGRMAPP	9	na	$ 1,602.00	na	na	na	$ -
	GLCSMAEL	10	na	$ 1,615.00	na	na	na	$ -
	GRVIMAWG	20	na	$ 1,743.00	na	na	na	$ -
	HNTNMAMA	30	na	$ 1,870.00	na	na	na	$ -
	HTFDMACH	40	na	$ 1,998.00	na	na	na	$ -
	IPSWMACO	50	na	$ 2,125.00	na	na	na	$ -
	NBPTMAGR	**1000Mb Interface**						
	ORLNMAYA	1 Mbps	na	$ 3,243.00	na	na	na	$ -
	SCTTMAFP	2	na	$ 3,256.00	na	na	na	$ -
	STBGMAMA	3	na	$ 3,268.00	na	na	na	$ -
	TMTNMAME	4	na	$ 3,281.00	na	na	na	$ -
	UXBRMACO	5	na	$ 3,294.00	na	na	na	$ -
	WBSMANE	6	na	$ 3,307.00	na	na	na	$ -
	WNDNMAGR	7	na	$ 3,319.00	na	na	na	$ -
		8	na	$ 3,332.00	na	na	na	$ -
		9	na	$ 3,345.00	na	na	na	$ -
		10	na	$ 3,358.00	na	na	na	$ -
		20	na	$ 3,485.00	na	na	na	$ -
		30	na	$ 3,613.00	na	na	na	$ -
		40	na	$ 3,740.00	na	na	na	$ -
		50	na	$ 3,868.00	na	na	na	$ -
		60	na	$ 3,995.00	na	na	na	$ -
		70	na	$ 4,123.00	na	na	na	$ -
		80	na	$ 4,250.00	na	na	na	$ -
		90	na	$ 4,378.00	na	na	na	$ -
		100	na	$ 4,505.00	na	na	na	$ -
		200	na	$ 5,695.00	na	na	na	$ -
		300	na	$ 6,885.00	na	na	na	$ -
		400	na	$ 8,075.00	na	na	na	$ -
		500	na	$ 9,265.00	na	na	na	$ -
Type 1 / On-Net Ethernet Access Pricing								
Type 1 Access Requires Dedicated Fiber Access to the Verizon Business Network (Lit-Building)								
Type 1 Access Requires a Fiber Cross Connect in the POP. NRC = $400, MRC = $100, reflected in the pricing below								
	On-Net Converged Ethernet Access	1 Mbps	na	$ 379.00	na	na	na	$ 400.00
		2	na	$ 414.00	na	na	na	$ 400.00
		3	na	$ 441.00	na	na	na	$ 400.00
		4	na	$ 466.00	na	na	na	$ 400.00
		5	na	$ 476.00	na	na	na	$ 400.00
		6	na	$ 495.00	na	na	na	$ 400.00
		7	na	$ 500.00	na	na	na	$ 400.00
		8	na	$ 521.00	na	na	na	$ 400.00
		9	na	$ 537.00	na	na	na	$ 400.00
		10	na	$ 553.00	na	na	na	$ 400.00
		15	na	$ 686.00	na	na	na	$ 400.00
		20	na	$ 727.00	na	na	na	$ 400.00
		25	na	$ 743.00	na	na	na	$ 400.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
		30	na	$ 797.00	na	na	na	$ 400.00
		35	na	$ 841.00	na	na	na	$ 400.00
		40	na	$ 884.00	na	na	na	$ 400.00
		50	na	$ 938.00	na	na	na	$ 400.00
		60	na	$ 1,085.00	na	na	na	$ 400.00
		70	na	$ 1,169.00	na	na	na	$ 400.00
		80	na	$ 1,187.00	na	na	na	$ 400.00
		90	na	$ 1,255.00	na	na	na	$ 400.00
		100	na	$ 1,263.00	na	na	na	$ 400.00
		150	na	$ 1,828.00	na	na	na	$ 400.00
		200	na	$ 2,260.00	na	na	na	$ 400.00
		250	na	$ 2,707.00	na	na	na	$ 400.00
		300	na	$ 2,999.00	na	na	na	$ 400.00
		350	na	$ 3,223.00	na	na	na	$ 400.00
		400	na	$ 3,441.00	na	na	na	$ 400.00
		450	na	$ 3,593.00	na	na	na	$ 400.00
		500	na	$ 3,646.00	na	na	na	$ 400.00
		600	na	$ 3,930.00	na	na	na	$ 400.00
		700	na	$ 4,194.00	na	na	na	$ 400.00
		800	na	$ 4,342.00	na	na	na	$ 400.00
		900	na	$ 4,369.00	na	na	na	$ 400.00
		1000	na	$ 4,393.00	na	na	na	$ 400.00
Secure Internet Gateway Service								
Secure Internet Gateway Service (SIG) requires VZB's Private IP (MPLS) service. SIG includes direct Internet Access from the PIP cloud along with network based firewalling. PIP can be purchased from ITT09.								
	Port Speeds (kbps)							
		128	$133.00	See ITT09	na	See ITT09	$133.00	$100.00
		256	$195.00	See ITT09	na	See ITT09	$195.00	$100.00
		384	$242.00	See ITT09	na	See ITT09	$242.00	$100.00
		512	$281.00	See ITT09	na	See ITT09	$281.00	$100.00
		768	$410.00	See ITT09	na	See ITT09	$410.00	$100.00
		1,024	$527.00	See ITT09	na	See ITT09	$527.00	$100.00
		1,536	$780.00	See ITT09	na	See ITT09	$780.00	$200.00
		3,072	$1,326.00	See ITT09	na	See ITT09	$1,326.00	$600.00
		4,608	$1,521.00	See ITT09	na	See ITT09	$1,521.00	$600.00
		6,144	$2,028.00	See ITT09	na	See ITT09	$2,028.00	$600.00
		7,680	$2,535.00	See ITT09	na	See ITT09	$2,535.00	$600.00
		9,216	$3,042.00	See ITT09	na	See ITT09	$3,042.00	$600.00
		10,752	$3,549.00	See ITT09	na	See ITT09	$3,549.00	$600.00
		12,288	$4,056.00	See ITT09	na	See ITT09	$4,056.00	$600.00
		15,360	$5,070.00	See ITT09	na	See ITT09	$5,070.00	$600.00
		18,432	$5,842.00	See ITT09	na	See ITT09	$5,842.00	$600.00
		25,600	$7,792.00	See ITT09	na	See ITT09	$7,792.00	$600.00
		43,008	$12,574.00	See ITT09	na	See ITT09	$12,574.00	$600.00
		50,000	$14,040.00	See ITT09	na	See ITT09	$14,040.00	$1,000.00
		60,000	$16,177.00	See ITT09	na	See ITT09	$16,177.00	$1,000.00
		70,000	$18,119.00	See ITT09	na	See ITT09	$18,119.00	$1,000.00
		80,000	$19,882.00	See ITT09	na	See ITT09	$19,882.00	$1,000.00
		90,000	$21,473.00	See ITT09	na	See ITT09	$21,473.00	$1,000.00
		100,000	$22,909.00	See ITT09	na	See ITT09	$22,909.00	$1,000.00

	Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
		155,000	$34,094.00	*See ITT09*	*na*	*See ITT09*	$34,094.00	$1,000.00
		622,000	$131,344.00	*See ITT09*	*na*	*See ITT09*	$131,344.00	$1,000.00
	Custom Firewall Feature	*na*	$156.00	*na*	*na*	*na*	*na*	$ -
DSL Internet Access Services								
	All DSL Services Require Loop Qualification to Determine Availability							
	DSL SOLO Product Requires a customer Provided POTS Line							
	SLAs do not Apply to DSL							
X	**DSL SOLO Internet Access**							
	DSL - Solo 384k COVAD	384Kbps	$ 50.00	*Existing POTS*	*na*	*na*	$ 50.00	$ 100.00
	DSL - Solo 768k New Edge	768Kbps	$ 69.00	*Existing POTS*	*na*	*na*	$ 69.00	$ 200.00
	DSL - Solo 1.5M COVAD	1.5Mbps	$ 89.00	*Existing POTS*	*na*	*na*	$ 89.00	$ 180.00
	DSL - Solo 3M COVAD	3Mbps	$ 109.00	*Existing POTS*	*na*	*na*	$ 109.00	$ 180.00
	DSL - Solo 6M COVAD	6Mbps	$ 159.00	*Existing POTS*	*na*	*na*	$ 159.00	$ 180.00
	DSL- Solo1.5M New Edge	1.5Mbps	$ 89.00	*Existing POTS*	*na*	*na*	$ 89.00	$ 200.00
	DSL Solo 3 M New Edge	3Mbps	$ 109.00	*Existing POTS*	*na*	*na*	$ 109.00	$ 200.00
	DSL Solo 6 M New Edge	6Mbps	$ 159.00	*Existing POTS*	*na*	*na*	$ 159.00	$ 200.00
	DSL Office Internet Access*							
	DSL - Office 128k	128Kbps	$ 120.00	*included*	*na*	*na*	$ 120.00	$ 320.00
	DSL Office 192k	192Kbps	$ 140.00	*included*	*na*	*na*	$ 140.00	$ 320.00
	DSL - Office 384k	384Kbps	$ 160.00	*included*	*na*	*na*	$ 160.00	$ 320.00
	DSL - Office 768k	768Kbps	$ 200.00	*included*	*na*	*na*	$ 200.00	$ 320.00
	DSL - Office 1M	1Mbps	$ 240.00	*included*	*na*	*na*	$ 240.00	$ 320.00
	DSL - Office 1.5M	1.5Mbps	$ 320.00	*included*	*na*	*na*	$ 320.00	$ 320.00
	Static IP Address for DSL							
	(applies to 1.5M and above)							
	Block of 6	*na*	$ 10.00	*na*	*na*	*na*	*na*	$ -
	14	*na*	$ 15.00	*na*	*na*	*na*	*na*	$ -
	30	*na*	$ 20.00	*na*	*na*	*na*	*na*	$ -
	62	*na*	$ 35.00	*na*	*na*	*na*	*na*	$ -
	126	*na*	$ 45.00	*na*	*na*	*na*	*na*	$ -
	254	*na*	$ 65.00	*na*	*na*	*na*	*na*	$ -
Satellite Internet Access Services								
	INTERNET Satellite ENTERPRISE Service							
	Service Tier							
	Primary 128 x 128 Kbps	128Kbps	$ 403.75	*na*	*na*	*na*	$ 403.75	$ 3,661.00
	Primary 256 x 128 Kbps	256	$ 432.25	*na*	*na*	*na*	$ 432.25	$ 3,661.00
	Primary 384 x 128 Kbps	384	$ 565.25	*na*	*na*	*na*	$ 565.25	$ 3,661.00
	Primary 512 x 128 Kbps	512	$ 1,040.25	*na*	*na*	*na*	$ 1,040.25	$ 3,661.00
	Primary 1024 x 128 Kbps	1024	$ 1,420.25	*na*	*na*	*na*	$ 1,420.25	$ 3,661.00
	Primary 1544 x 256 Kbps	1544	$ 1,895.25	*na*	*na*	*na*	$ 1,895.25	$ 3,661.00
	Primary 1544 x 512 Kbps	1544	$ 2,845.25	*na*	*na*	*na*	$ 2,845.25	$ 3,661.00
	Primary 2048 x 256 Kbps	2048	$ 2,180.25	*na*	*na*	*na*	$ 2,180.25	$ 3,661.00
	Primary 2048 x 512 Kbps	2048	$ 3,035.25	*na*	*na*	*na*	$ 3,035.25	$ 3,661.00
	Back-Up 1544 x 256 Kbps	1544	$ 327.75	*na*	*na*	*na*	$ 327.75	$ 3,661.00
	Back-Up 1544 x 512 Kbps	1544	$ 422.75	*na*	*na*	*na*	$ 422.75	$ 3,661.00
	Back-Up 2048 x 256 Kbps	2048	$ 356.25	*na*	*na*	*na*	$ 356.25	$ 3,661.00

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Back-Up 2048 x 512 Kbps	2048	$ 451.25	na	na	na	$ 451.25	$ 3,661.00
INTERNET Satellite OFFICE Service							
Service Tier							
Primary 384 x 128 Kbps	384 Kbps	$ 308.75	na	na	na	$ 308.75	$ 2,500.00
Primary 768 x 256 Kbps	768	$ 498.75	na	na	na	$ 498.75	$ 2,500.00
Primary 1.544 x 256 Kbps	1.544Mbps	$ 688.75	na	na	na	$ 688.75	$ 2,500.00
Manage Internet Access Service Option							
Management Charges							
Small Router (Cisco 1xxx and 2xxx, or Adtr	na	$ 118.58	na	na	na	$ 118.58	$ 500.00
Medium Router (Cisco 3xxx and 4xxx)	na	$ 153.00	na	na	na	$ 153.00	$ 500.00
Large Router (Cisco 7xxx)	na	$ 256.28	na	na	na	$ 256.28	$ 500.00
Enhanced Feature – Embedded Firewall (CISCO Only)							
Embedded Firewall – Small	na	$ 50.00	na	na	na	$ 50.00	$ 125.00
Embedded Firewall – Medium	na	$ 70.00	na	na	na	$ 70.00	$ 125.00
Embedded Firewall – Large	na	$ 120.00	na	na	na	$ 120.00	$ 125.00
Reporting						$ -	$ 125.00
Enhanced Feature – Content Filtering (CISCO Only)							
(Not Erate/CIPA Compliant)							
Content Filtering – Small	na	$ 10.00	na	na	na	$ 10.00	$ 125.00
Content Filtering – Medium	na	$ 15.00	na	na	na	$ 15.00	$ 125.00
Content Filtering – Large	na	$ 25.00	na	na	na	$ 25.00	$ 125.00
Content Delivery Module - Small		$ 40.00				$ 40.00	$ 125.00
Enhanced Feature – Ethernet LAN (CISCO Only)							
Ethernet LAN – 4 or 9 Port (mgmt. only)	na	$ 35.00	na	na	na	$ 35.00	$ 125.00
Ethernet LAN PoE – 4 or 9 Port (mgmt. onl	na	$ 35.00	na	na	na	$ 35.00	$ 125.00

Technology	Bandwidth	Port Cost ($-per-month)	Access Cost ($ monthly)	Cost per mile ($ monthly)	QoS Cost ($ monthly)	Total Monthly Cost	Total NRC (non-recurring cost)
Additional Services							
Customer will pay the following NRC per router regardless of router size							
Managed Implementation							$ 600.00
Management Takeover							$ 100.00
Expedite Charge - Request to activate router in 15 days or less							$ 1,400.00
After-hours Premium - Performed outside normal business hours, defined as 7am to 8pm EST							$ 600.00
Router Deactivation - Disconnect of router							$ 300.00
Additional Fees							
Carrier Recovery Charge	*Percentage of Access Cha*	2.17%	*na*	*na*	*na*	2.17%	$ -
Single Line Business Line	*per line*	$ -	*na*	*na*	*na*	$ -	$ -
Multi Line Business Line	per line	$ 2.05	*na*	*na*	*na*	$ 2.05	
Below is Example Pricing for RFR evaluation purposes only.							
Technology	**Bandwidth**	**Port Cost ($-per-month)**	**Access Cost ($ monthly)**	**Cost per mile ($ monthly)**	**QoS Cost ($ monthly)**	**Total Monthly Cost**	**Total NRC (non-recurring cost)**
Sample location costs							
Address	**NPN/NNX**						
10 Park Plaza, Boston (CLLI = BSTN	617-973	$ 315.74	$ 178.50	*included*	*na*	$ 494.24	$ -
200 Arlington Street, Chelsea (CLLI	617-626	$ 315.74	$ 178.50	*included*	*na*	$ 494.24	$ -
11 Lincoln Street, Plymouth (CLLI =	508-747	$ 315.74	$ 229.50	*included*	*na*	$ 545.24	$ -
20 East Worcester St., Worcester (	508-929	$ 315.74	$ 238.00	*included*	*na*	$ 553.74	$ -
25 West Street, Leominster (CLLI =	978-534	$ 315.74	$ 416.50	*included*	*na*	$ 732.24	$ -
36 Court Street, Springfield (CLLI =	413-787	$ 315.74	$ 348.50	*included*	*na*	$ 664.24	$ -
452 Main Road, Monterey (CLLI = GI	413-528	$ 315.74	$ 467.50	*included*	*na*	$ 783.24	$ -
439 South Union Street, Lawrence	978-722	$ 315.74	$ 195.50	*included*	*na*	$ 511.24	$ -
37 Main Street, North Adams (CLLI	413-663	$ 315.74	$ 280.50	*included*	*na*	$ 596.24	$ -

Commonwealth of Massachusetts
RFR ITT09 - Communication Network Services

Cost Table 24.0

All Eligible Entities are advised to contact the OSD contract manager before contracting for terms gre

TLS - Market Basket Addition

Instructions for Cost Table 24.0

Market Basket Item Description	Proposed Monthly Cost	Proposed One-Time Cost
TLS	Month to Month****	
10 Meg**	$1,200.00	$1,300.00
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$2,400.00	$1,300.00
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$4,000.00	$1,300.00
GigE Interoffice Mileage (per mile)	$100.00	
	36 Month***	
10 Meg**	$1,000.00	
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$2,000.00	
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$3,500.00	
GigE Interoffice Mileage (per mile)	$100.00	
	60 Month***	
10 Meg**	$900.00	
10 Meg Interoffice Mileage (per mile)	$100.00	
100 Meg**	$1,800.00	
100 Meg Interoffice Mileage (per mile)	$100.00	
GigE	$3,200.00	
GigE Interoffice Mileage (per mile)	$100.00	
TLS/Domain LAN- Per Location Per Change		$400.00
Available Matrix Pricing for Agencies w/ over 25 TLS Sites* (see notes about ramp-up and commitments)	**Monthly Cost**	**One-Time Cost**
10Meg	36 Month	
25-49 Circuits	$930.00	N/A
50-99 Circuits	$825.00	N/A
100-149 Circuits	$800.00	N/A
150+ Circuits	$775.00	N/A