



Western Regional Network (WRN) Policy Committee Meeting

Monday, February 27, 2012
888-886-3951, Participant code: 686898

Attendees:

Robert Aylward
Maira Gerety
Gil Gonzales
Ron Johnson
Dave Lassner
Marla Meehl
Amy Philipson
Dave Reese
Pete Siemsen

Absent:

Steve Smith
Louis Fox

1. **Roll Call - Gonzales**
2. **NSF ARI Proposal**
 - o ARI UNM
 - ABQ to El Paso
 - Lubbock to ABQ
 - Looking at 3 options for fiber
 - Have quote from ENMR
 - State Department of IT needs to decide if they can issue an IRU - Still pending
 - Still a couple weeks out
 - Have not talked to I2 about transponder swaps for these paths
 - o ARI LEARN
 - San Antonio to El Paso
 - Get 40G cards for I2 Ciena path (no maintenance or installation can be paid from NSF funds - LEARN will pay any of these costs)
 - Still working on that option
 - Share I2 hardware
 - Getting pricing
 - o ARI WRN - CENIC - Denver - Kansas City (KC) - Chicago
 - DEN - KC or DEN-CHI
 - Zayo a possibility KC to Chicago - Marla will ask - **not an option**
 - Don't know of any other carriers on that path
 - Level3 one option but only Denver to KC
 - NSF funded for 10 years and one year of O&M
 - WRN agreed to pay additional years of O&M
 - WRN agreed to pay KC to Chicago
 - Total WRN up to \$100K

- Have to do minimum 10 year IRU
 - \$423K Denver - KC Level3 Cost
- I2 Request
 - Individual Ciena cards by themselves are not Buy America
 - Would have to purchase chassis and transponders
 - Could buy 10x10 port card for DEN-CHI tied to California chassis' and give I2 some waves - \$491K w/o chassis
 - Need to decide how many waves to give I2
 - **Gil will verify what LEARN is offering**
 - **Gil will inform LEARN of Ciena Buy America issue**
 - Could buy LEARN cards under CENIC chassis
 - **Dave had said "some" waves - will propose to I2**
 - 4 waves seems reasonable
 - Would settle for 50/50
 - More flexibility for Chicago access than a capitalized I2 wave
 - SEAT-SUN-LA minimal w/ Brocade
 - Can equip 25% of waves on this path per I2 agreement
 - West coast could be done within budget
 - Leaves out Portland and San Luis Obispo (SLO)
 - CENIC can do 10G from SLO to LA
 - \$250K to put Portland in - no identifiable funding
 - Could do NLR waves per transponder costs
 - Could apply for wave under research wave program with I2
 - Have to justify science drivers
 - I2 capitalized pricing
 - Purchase a capitalized wave from I2 for 8 years
 - KC-CHI
 - ~\$150K for 8 year
 - DEN-CHI
 - ~\$250K for 8 year
 - Dave Reese will send pricing options
 - Invoices can come in in any order - Brocade can come in before Ciena
 - Brocade order does not change with scenarios
 - Ron J. thinks adding another 100G card in Chicago Brocade would be useful for interconnectivity
 - All on the call agree in principle to the "Green" [spreadsheet](#) option
 - \$1.9M is all ARI
 - Have to verify hardware installation
 - Brocade may not be a problem as CENIC may be able to install
 - I2 installation costs may be an issue - may have to get invoice from Ciena instead of I2
 - WRN has to pay for annual hardware maintenance after year one
 - **Dave will get an updated maintenance number for ongoing costs**
 - Have to get from/to Lakeshore
 - May be able to just have WRN cards installed in Lakeshore in the I2 Ciena - **Dave will verify**