

ADDENDUM NO.: 3

DATE OF ADDENDUM: 12/2/15

**CTS East Haddam Remote Site Enhancement
(Site #52) - DESPP
194 Mt. Parnassus Road
East Haddam, CT
BI - N - 337**

Original Bid Due Date/Time:

December 9, 2015

1:00 pm

Previous Addendums: Addendum No.2 – Dated 11/19/15, Addendum No.1 – Dated 11/12/15

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated June 12, 2015. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form. Failure to do may subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1

The Contract Time is changed from 120 calendar days to 180 calendar days to allow time for the Third Party Structural Review.

Item 2

Q. On the cable bridge. Drawing# S-5 only shows bar grating on the cable bridge posts only, not across the cantilever side. Please confirm if this is to be covered and if there are reference drawings for this.

A. The bar grating is along entire length of the cable bridge. Not shown on section 3 of sheet S5 for clarity but shown on section 2 of sheet s5.

Item 3

Q. Bar grating is shown as 1-1/2". What is the bar thickness? 1/8" or 3/16". What is the type? 19W4 or 19W2.

A. The grating shall be 1-1/2" x 3/16" and 19-W-4.

Item 4

Q. At the pre-bid meeting it was stated that the state was going to remove the existing building and antenna but the plans state "Existing building to be removed by others. Foundation to be removed by contractor." and "Remove existing antenna and foundation". Please confirm what removals the state will be performing. Will the state be doing the tree removals as well? Is so, will that include removing and disposing of the stumps?

A. The State will be removing the Building and Antenna and their foundations prior to start of construction. Change notes on Drawing C1, "Remove existing antenna and foundation" to "Existing antenna and foundation to be removed by others" and "Foundation to be removed by contractor" to "Foundation to be removed by others." The state will not be removing any trees or stumps prior to construction.

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Item 5

Q. Is there any as-built information on the existing pole foundation? Does it have to be removed completely or just below any proposed structures?

A. There is no as-built information. The foundation will be removed by others.

Item 6

Q. Drawing C-2 calls for a 1,800 gallon propane tank whereas the spec (section 231100 page 8) calls for a 1,000 gallon tank. Please advise as to the correct size.

A. The correct size for the propane tank is 1,800 gallons.

Item 7

Q. Where is the loading for the tower from 120' to 180'? The loading chart only shows data up to the 120' height.

A. Note only 120' of the tower will be installed under this contract, see note 1 on S2 of the Bid Documents. For the design of the tower see attached sheets for future equipment above 120'.

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer Tom Daly, P.E. – (203)272-9733 with copies sent to the DCS Project Manager Peter B. McClure, P.E. – (860)713-7261.

End of Addendum 1



Mellanee Walton, Associate Fiscal Administrative Officer
Department of Administrative Services
On Behalf of the Division of Construction Services

Mt. Parnassus 180 Theoretical loading

SITE	ANT	USER	USE	FREQ	TX	HGT	TWR	ANT AZ	SZ	MANUF	MODEL	GAIN	CABLE	DESCRIPTION	COLOR CODE
52	1	CSP	MT_PARNASSUS	6700	1	180B		133	6	CELWAVE	PARA6-59W-PXA/A	37	WEP65	DISH WRADOME	
52	2	CSP	MMW-EAST LYME	6700	1	180A		31	6	CELWAVE	PARA6-59W-PXA/A	37	WEP65	DISH WRADOME	
52	3	CSP	MMW-COLCHESTER	6700	1	180C		251	6	CELWAVE	PARA6-59W-PXA/A	37	WEP65	DISH WRADOME	
52	4	CSP	MMW-HADDAM	6700	1	180C		251	6	CELWAVE	PARA6-59W-PXA/A	37	WEP65	DISH WRADOME	
52	5	CSP	K P25 TX	774	25	180A			14	SINCLAIR	SC479-HF1LDF(D002-E5765)	9	AVAT7-50A	WHIP	
52	6	CSP	K P25 RX	804	0	180A			14	SINCLAIR	SC479-HG1LDF(D001-E5765)	9	AVAT7-50A	INVERTED WHIP	
52	7	CSP	K P25 TX	804	0	180A			14	SINCLAIR	SC479-HG1LDF(D001-E5765)	9	AVAT7-50A	INVERTED WHIP	
52	8	CSP	K P25 TTA	804	0	180A			14	SINCLAIR	SC479-HG1LDF(D001-E5765)	9	AVAT7-50A	INVERTED WHIP	
52	9	CSP	F P25 TX	774	25	180B	270		14	SINCLAIR	WPA-70080-4CF-EDIN-0	9	AVAT7-50A	TTA & TEST CABLE	
52	10	CSP	F P25 RX	804	0	180B			14	SINCLAIR	SC479-HG1LDF(D001-E5765)	9	AVAT7-50A	INVERTED WHIP	
52	11	CSP	F P25 RX	804	0	180B			14	SINCLAIR	SC479-HG1LDF(D001-E5765)	9	AVAT7-50A	INVERTED WHIP	
52	12	CSP	K P25 TTA	804	0	180B			14	SINCLAIR	SC479-HG1LDF(D001-E5765)	9	AVAT7-50A	INVERTED WHIP	
52	13	CSP	I-CALL TX	866.0125	25	180A			11	DECIBEL	432E-831-01T	10	LDFA-50A	TTA & TEST CABLE	
52	14	CSP	I-CALL RX	821.0125	0	180A			11	DECIBEL	DB-810	10	AVAT7-50A	WHIP	
52	15	CSP	OPS	47.30	100	120C			12	COMPROD	DB-810	10	AVAT7-50A	INVERTED WHIP	
52	16	CSP	TOEHaddam	46.18	110	100A			12	COMPROD	531-70	0	AVAT7-50A	DIPOLE	
52	17	CSP	OPS	153.8	35	100B			12	COMPROD	531-70	0	AVAT7-50A	DIPOLE	
52	18	CSP	VHF TX	150	50	100A			6	TELEWAVE	ANT150D3	3	LDFA-50A	DUAL DIPOLE	
52	19	CSP	VHF RX	150	50	100C			6	TELEWAVE	ANT150D3	3	LDFA-50A	DUAL DIPOLE	
52	20	CSP	UHF TX	450	50	90A			6	TELEWAVE	ANT150D3	3	LDFA-50A	DUAL DIPOLE	
52	21	CSP	UHF RX	450	50	90C			6	TELEWAVE	ANT-450-D6-9	6	LDFA-50A	QUAD DIPOLE	
52	22	CSP	TOEHaddam	46.58	50	90B			12	COMPROD	531-70	0	LDFA-50A	QUAD DIPOLE	
52	27	CSP	CELLULAR	835	13	145			4	ANDREW	DB844H80-XY	13	LDFA-50A	DIPOLE	
52	28	CSP	6 PANELS	835	13	150			4	ANDREW	DB844H80-XY	13	LDFA-50A	6 DB844 PANELS	
52	33	CSP	CELLULAR	894	145	145			7	ANDREW	P65-16-XL-2	16	LDFA-50A	PANEL	
52	34	CSP	6 PANELS	894	145	150			4	ANDREW	LNX-6512DS-14M	18	LDFA-50A	2 PANELS	
52	35	CSP	GPS	894	150	60			4	RWASA	MGD3-800TX	18	LDFA-50A	1, PANEL	
52	40	CSP	CELLULAR	1930-1965	11	140			1	PCTEL	TMG-26N	15	LDFA-50A	3 PANELS	
52	41	CSP	6 TOTAL PANELS	1930-1965	11	145			4	DECIBEL	DB-980	15	LDFA-50A	GPS	
52	46	CSP	CELLULAR	880	100	150			4	DECIBEL	DB-980	15	LDFA-50A	PANEL	
52	47	CSP	6 TOTAL PANELS	880	100	150			4	ALP	7120	15	LDFA-50A	PANEL	
52	49	CSP	CELLULAR	1930-1945	20	130			4	ALP	7120	14	LDFA-50A	PANEL	
52	50	CSP	3 TOTAL PANELS	1930-1945	20	130			4	EMS	RR90-17	16.5	LDFA-50A	PANEL	
52	51	CSP	CELLULAR	1930-1945	20	135			4	EMS	RR90-17	16.5	LDFA-50A	PANEL	
52	52	CSP	WINDLOAD			180A			6	CELWAVE	PARA6-59W-PXA/A				
52	52	CSP	WINDLOAD			180B			6	CELWAVE	PARA6-59W-PXA/A				
52	52	CSP	WINDLOAD			180C			6	CELWAVE	PARA6-59W-PXA/A				

Mt. Parnassus 120' loading

SITE	ANT	USER	USE	FREQ	TX PWR	HGT	TWR AZ	ANT AZ	SZ	MANUF	MODEL	GAIN	CABLE	DESCRIPTION	COLOR CODE
52	1	CSP	MT. PARNASSUS			120									
52	2	CSP	MW-EAST LYME	6700	1	120B		133	6 RFS	PAR-59W/PXXA		37 WEP85		DISH WRADOME	
52	3	CSP	MW-COLCHESTER	6700	1	120A		29	6 RFS	PAR-59W/PXXA		37 WEP85		DISH WRADOME	
52	4	CSP	MW-HADDAM	6700	1	120C		251	6 RFS	PAR-59W/PXXA		37 WEP85		DISH WRADOME	
52	5	CSP	K P25 TX	774.000	25	120A			14 SINCLAIR	SC479-HG1LDF(D02-E5765)		9 AVA7-50a		Whip w/2' DT	
52	6	CSP	K P25 RX	804	0	120A			14 SINCLAIR	SC479-HG1LDF(D001-E5765)		9 AVA7-50a		INVERTED WHIP	
52	7	CSP	K P25 TX	774	25	120B		270	14 SINCLAIR	WPA-70080-4CF-EDM-0		9 AVA7-50a		TTA & Test Cable	
52	8	CSP	F P25 RX	804	0	120B			14 SINCLAIR	SC479-HG1LDF(D001-E5765)		9 AVA7-50a		INVERTED WHIP	
52	9	CSP	F P25 RX	804	0	120B			14 SINCLAIR	SC479-HG1LDF(D001-E5765)		9 AVA7-50a		INVERTED WHIP	
52	10	CSP	F P25 TTA		0	120			TX/RX	432E-831-01T		9 AVA7-50a		TTA+CONTROL CABLE	
52	11	CSP	H-CALL TX	851.0125	25	120C			11 DECIBEL	DB-810		10 AVA7-50a		WHIP	
52	12	CSP	H-CALL RX	808.0125	0	120C			11 DECIBEL	DB-810		10 AVA7-50a		INVERTED WHIP	
52	13	CSP	TOE-HADDAM OPS	47.30	100	100C			12 COMPROD	531-70		0 LDF5-50A		DIPOLE	
52	14	CSP	TOE-HADDAM OPS	46.18	110	100A			12 COMPROD	531-70		0 LDF5-50A		DIPOLE	
52	15	CSP	TOE-HADDAM OPS	159.8	35	65 B			6 TELEWAVE	ANT-D150-03		3 LDF5-50A		DUAL DIPOLE	DEHNS REGIONAL?
52	16	CSP	TOE-HADDAM OPS	46.58	50	100C			12 COMPROD	531-70		0 LDF5-50A		DIPOLE	
52	17	CSP	COMBINED VHF TX	150	50	80B			6 TELEWAVE	ANT-D150-03		3 LDF5-50A		DUAL DIPOLE	
52	18	CSP	COMBINED VHF TX	150	0	100B			6 TELEWAVE	ANT-D150-03		3 LDF5-50A		DUAL DIPOLE	
52	19	CSP	COMBINED UHF RX	450	50	80A			6 TELEWAVE	ANT-D450-05-9		6 LDF5-50A		QUAD DIPOLE	
52	20	CSP	COMBINED UHF RX	450	0	100A			6 TELEWAVE	ANT-D450-05-9		6 LDF5-50A		QUAD DIPOLE	
52	21	CSP	Windload			120			RFS	PAR-59W/PXXA		37 WEP85		DISH WRADOME	
52	22	CSP	Windload			120			RFS	PAR-59W/PXXA		37 WEP85		DISH WRADOME	