



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **35464** | Service: **DCA** | Call **KFXO-LD** | Channel: **15 (UHF)** |
ID:
File **0000025373** | Sign:
Number:
FRN: **0006885586** | Date **06/30**
Submitted: **/2017**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NPG OF OREGON, INC. Doing Business As: NPG OF OREGON, INC.	825 EDMOND STREET ST. JOSEPH, MO 64501 United States	+1 (816) 271-8505	tim. hannan@npgco. com	Corporation

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

Broadcaster Information and Transition Plan

Question	Response
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Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	RE-CHANNEL EXISTING TRANSMITTER AND REPLACE MASK FILTER /COMBINER UNIT ON NIGHT OF TRANSITION. SEE ATTACHED EXHIBIT FOR MORE DETAILS

Transmitters

Section	Question	Response
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Primary (Main)
	Ownership	Owned
	Owner	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	Linear Industries
	Model	AT71K2
	Year	2010

	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1 kW

**Primary
Transmitter**

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	1.5 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A

	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary
Transmitter**

Other Transmitter Cost Not Listed

Information not provided.

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

**Primary
Antenna****Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Other
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A

Upper Limit	N/A
Other Antenna Type	PARPANEL
ERP: (Effective Radiated Power)	15.0 kW
Manufacturer	KATHREIN
Model	K723147
Year	2010

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

Facility ID	Call Sign
34879	K45KM-D
35464	KFXO-CD

**Primary
Antenna**

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

**Primary
Antenna**

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A

**Enter a list of RF channel
numbers.**

RF Channel Number
45
15

**Primary
Antenna**

Other Antenna Cost Not Listed
Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	No

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	60
	Explanation	LOCAL ENGINEERING STAFF IS EXTREMELY LIMITED AND UNABLE TO SUPPORT THIS PROJECT WITHOUT COMPROMISING DAY TO DAY OPERATIONS.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No

RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	2
Justification	LOCAL ENGINEERING STAFF DOES NOT HAVE NECESSARY TEST EQUIPMENT TO RE-TUNE THE TRANSMITTER AND TIME TO SUPPORT THE PROJECT.

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

Name	Description
BROOKS PIERCE	NON-CATALOG LEGAL SERVICES SUCH AS REVIEW OF QUARTERLY TRANSITION STATUS REPORTS AND OTHER MISCELLANEOUS NON-CATALOG LEGAL FEES
WIRELESS INFRASTRUCTURE SERVICES	REMOVE OLD COMBINER SYSTEM AND INSTALL NEW COMBINER SYSTEM. MANAGE CUT-OVER. COST INCLUDES TRAVEL AND EXPENSES

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses	Other Expenses Not Listed
	Information not provided.

Cost
Information

Transmitters

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter AT71K2	\$108,230.00	\$0.00		\$0.00	
UHF and VHF - minor banding issues	\$105,200.00	\$0.00	N/A	N/A	N/A
1.5 kW mask filter	\$3,030.00	\$0.00	NOTE THAT MASK FILTER FUNCTION IS INTEGRATED IN A PROPOSED NEW COMBINER SYSTEM	N/A	N/A
Sub-total	\$108,230.00	\$0.00	N/A	\$0.00	N/A
Total for all systems	\$312,285.00	\$80,541.03	N/A	\$0.00	N/A

Components

Information not provided.

Cost Information

Antennas

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna K723147	\$117,230.00	\$14,526.03		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$5,000.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$9,526.03	N/A	N/A	N/A
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	\$26,300.00	\$0.00	N/A	N/A	N/A
Sub-total	\$117,230.00	\$14,526.03	N/A	\$0.00	N/A
Total for all systems	\$312,285.00	\$80,541.03	N/A	\$0.00	N/A

Components

Information not provided.

Cost Information **Transmission Line**
Information not provided.

Cost Information **Tower Equipment and Rigging Costs**
Information not provided.

Cost Information **Outside Professional Services**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$68,380.00	\$57,170.00		\$0.00	
Project management of the transition	\$9,480.00	\$7,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$1,000.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Additional Field Engineering Service, 2 Days	\$2,220.00	\$2,220.00	SIGNAL-WIZ WILL RE-TUNE TRANSMITTER AND PROOF. LOCAL ENGINEERING DOES NOT HAVE PROPER TEST EQUIPMENT OR TIME TO PERFORM WORK. SEE ATTACHED QUOTE	N/A	N/A
BROOKS PIERCE	\$5,000.00	\$5,000.00	BROOKS PIERCE NON-CATALOG LEGAL SERVICES SUCH AS REVIEW OF QUARTERLY TRANSITION STATUS REPORTS AND OTHER MISCELLANEOUS NON-CATALOG LEGAL EXPENSES	N/A	N/A

WIRELESS INFRASTRUCTURE SERVICES	\$26,700.00	\$26,700.00	COMBINER INTEGRATION SERVICES NECESSARY, STATION STAFF RESOURCES ARE EXTREMELY LIMITED AND CANNOT SUPPORT INSTALLATION WITHOUT COMPROMISING DAY TO DAY OPERATIONS.	N/A	N/A
Sub-total	\$68,380.00	\$57,170.00	N/A	\$0.00	N/A
Total for all systems	\$312,285.00	\$80,541.03	N/A	\$0.00	N/A

Components

Information not provided.

Cost Information

Other Expenses

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$18,445.00	\$8,845.00		\$0.00	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$1,500.00</i>	\$1,500.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$1,500.00</i>	\$1,500.00	N/A	N/A	N/A
Equipment Storage	<i>\$500.00</i>	\$500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$750.00</i>	\$750.00	VIDEO PRODUCTION SERVICES	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$1,200.00</i>	\$1,200.00	SEE SIGNAL-WIZ QUOTE ATTACHED	N/A	N/A
Sub-total	\$18,445.00	\$8,845.00	N/A	\$0.00	N/A

Total for all systems	\$312,285.00	\$80,541.03	N/A	\$0.00	N/A
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Components

Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$312,285.00	\$80,541.03
			\$0.00

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Attachments