



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **24569** | Service: **LPA** | Call **W50CO** | Channel: **32 (UHF)** |
ID: | Sign:
File **0000088629**
Number:
FRN: **0026455469** | Eligibility **Eligible** | Date **10/05**
Status: | Submitted: **/2022**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
EDGE SPECTRUM, INC. Doing Business As: EDGE SPECTRUM, INC.	PO Box 54025 Hurst, TX 76054 United States	+1 (972) 291-3750	randy@crosstalk.org	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.	No
Briefly describe transition plan	Displacement from Ch 50 to Ch 32. Applicant will build the CP as part of a coordinated system build out plan.

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	Purchase New
	Use	Primary (Main)
	Ownership	Owned
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	TLU-1KE M /U
	Year	2004
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1000 W

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	EC702-BB3
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2 kW
	Justification for New Transmitter	Analog Ch 50 transmitter cannot be used for digital Ch 32.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Other Transmitter Costs	Does the transmitter installation require a Transmitter Building Site Survey /Installation?	Yes
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Rigid Conduit and Wiring	No
	Other Electrical Service	Yes

	Description	To be determined based on site survey.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	120.0 square feet

Primary Transmitter **Other Transmitter Cost Not Listed**

Name	Description
Encoder	Transition from Analog to Digital Transmitter will require new encoder.

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	Purchase New
	Antenna Use	Primary (Main)
	Ownership	Owned
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	ERP: (Effective Radiated Power)	16.5 kW
	Manufacturer	
	Model	ALP16C2- HSP
	Year	2004

**Primary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Change Type	Purchase New
	Ownership	Owned
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	ERP: (Effective Radiated Power)	15.0 kW
	Manufacturer	
	Model	TUL-P4 6/18- M-1-K
	Year	2021
	Justification for New Antenna	Displacement from Ch 50 to Ch 32. Antenna cannot be used on Ch 32.

**Primary
Antenna**

Other Antenna Costs

Section	Question	Response
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Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary
Antenna**

Other Antenna Cost Not Listed

Name		Description
Assembly, test, custom mast		Custom mast and assembly of 18 panel array

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary
Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Ownership	Owned
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Number of parallel runs	1
	Length	400 feet per run

Primary **New Transmission Line**
Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Number of parallel runs	1
	Length	400 feet per run
	Justification for New Transmission Line	Line will be swept and determined if it remains usable.
Interior RF Systems	Does the Installation of the Transmission Line require an additional or replacement Inside RF system including switching, patch panels, and dehydrators?	No

Primary **Other Transmission Line Expenses Not Listed**
Transmission Line

Information not provided.

**Tower
Equipment
And
Rigging
Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	No
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	30° 19' 23.0" N-
	Longitude (NAD83)	081° 38' 33.0" W-
	Overall Structure Height	950.00 feet
	Support Structure Height	950.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	3.90 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	Renda Broadcasting Corp
	Date Constructed	01/01/1957

**Primary
Tower**

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	80
	Explanation	No on site engineering staff. Complete turnkey project management.
Outside RF consulting Engineering Services	Perform engineering study for displacement application	No
	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	Yes
	Quantity	1
	Prepare Form 601	No
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	No
	Prepare and file Form FCC License to Cover Application	No
	Prepare request for Special Temporary Authority	No
	Negotiation of Lease and other Matter for Shared Locations	Yes

	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Form 399 assistance or other program management costs	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	5
	Justification	Turnkey installation and integration of new and existing equipment, includes, EAS, satellite hookup, etc.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Mobilization Charge and travel expenses for installation	\$1500/day, 4 days
Site Survey	8 hours @ \$100/hour
Mobilization Charge and travel expenses for site survey	\$1500/day, 1.5 days

**Other
Expenses**

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Permit and Filing Costs	FCC Construction Permit Major Change	No
	FCC Construction Permit Minor Change	No
	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
Point to Point Microwave (STL/ICR)	Frequency Coordination for Unidirection System	No
	Frequency Coordination for Bi-Direction System	No
	New Point to Point Microwave System	No

**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 EC702-BB3	\$171,696.46	\$158,799.09		\$81,352.63	
Encoder	<i>\$25,413.46</i>	\$25,413.46	See: Comark Titan Live Encoder Quote.pdf Transition from Analog to Digital Transmitter will require new encoder.	N/A	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$84,000.00	\$70,302.63	See Comark Quote 1100W Pricing & Equipment. pdf \$59,716 - \$11,836 (install cost) = \$47,880 transmitter cost	\$70,302.63	N/A
Other Electrical Service: To be determined based on site survey.	<i>\$2,033.00</i>	\$2,033.00	Quote 9/9 /19 Mr Sparky Quote.pdf	N/A	N/A

5 Ton system	\$20,250.00	\$20,000.00	N/A	N/A	N/A
Other -- Building Addition Size: 120.0	\$30,000.00	\$30,000.00	10 x 12 building 120 sq ft. @ \$250 / sq ft See FCC Appendix A LPTV Cost Catalog	N/A	N/A
Transmitter Building Site Survey /Installation	\$10,000.00	\$11,050.00	See attached Comark Quote 1100W Pricing & Equipment. pdf Transmitter Installation	\$11,050.00	N/A
Sub-total	\$171,696.46	\$158,799.09	N/A	\$81,352.63	N/A
Total for all systems	\$475,661.46	\$338,915.38	N/A	\$208,034.42	N/A

Components

Actual Information	
Description	File Name
Encoder	Information not provided.
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Transmitter Amount: \$70,302.63
Other Electrical Service: To be determined based on site survey.	Information not provided.
5 Ton system	Information not provided.
Other -- Building Addition Size: 120.0	Information not provided.

Transmitter Building Site Survey/Installation	<div data-bbox="726 174 1029 208">Component Description:</div> <div data-bbox="726 219 837 253">Amount:</div> <div data-bbox="1168 174 1300 253">Install \$11,050.00</div>
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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 TUL-P4 6/18-M-1-K	\$86,182.50	\$86,182.50		\$80,452.50	
Assembly, test, custom mast	\$42,935.00	\$42,935.00	Custom mast for 18 panel antenna array requires testing prior to shipment for installation	\$42,935.00	N/A
UHF-Low Power, Side Mount, Slotted Coaxial, 15.0 kW input, Elliptical	\$37,517.50	\$37,517.50	antenna cost	\$37,517.50	N/A
Sweep test of transmission line and antenna	\$5,730.00	\$5,730.00	N/A	N/A	N/A
Sub-total	\$86,182.50	\$86,182.50	N/A	\$80,452.50	N/A
Total for all systems	\$475,661.46	\$338,915.38	N/A	\$208,034.42	N/A

Components

Actual Information Description	File Name
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Assembly, test, custom mast	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Antenna Mast / testing</div> <div>\$42,935.00</div> </div>
UHF-Low Power, Side Mount, Slotted Coaxial, 15.0 kW input, Elliptical	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>antenna</div> <div>\$37,517.50</div> </div>
Sweep test of transmission line and antenna	Information not provided.

Cost
Information

Transmission Line

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 Transmission Line	\$9,600.00	\$9,129.29		\$9,129.29	
Flexible Foam Transmission Line - dielectric, 1 5/8"	\$9,600.00	\$9,129.29	N/A	\$9,129.29	N/A
Sub-total	\$9,600.00	\$9,129.29	N/A	\$9,129.29	N/A
Total for all systems	\$475,661.46	\$338,915.38	N/A	\$208,034.42	N/A

Components

Actual Information	
Description	File Name
Flexible Foam Transmission Line - dielectric, 1 5/8"	Component Description:
	Amount:
	transmission line
	\$9,129.29
	Component Description:
	Amount:
	Cable
	\$9,129.29

Cost Information

Tower Equipment and Rigging Costs

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 Tower TOWER	\$157,750.00	\$39,107.00		\$0.00	
Tower Rigging Tall Tower (greater than 500')	\$157,750.00	\$39,107.00	See Kathrein Quote 1865	\$0.00	N/A
Sub-total	\$157,750.00	\$39,107.00	N/A	\$0.00	N/A
Total for all systems	\$475,661.46	\$338,915.38	N/A	\$208,034.42	N/A

Components

Actual Information Description	File Name
Tower Rigging Tall Tower (greater than 500')	<div>Component Description: Antenna mast and mounts</div> <div>Amount: N/A</div>

**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	\$35,097.50	\$30,362.50		\$27,100.00	
Mobilization Charge and travel expenses for site survey	<i>\$2,250.00</i>	\$2,250.00	1 1/2 day @ \$1500/day See ARCJ Site Survey Quote & SOW.pdf	\$2,250.00	N/A
Site Survey	<i>\$800.00</i>	\$800.00	Site Survey Charge See ARCJ Site Survey Quote & SOW.pdf	\$800.00	N/A
Mobilization Charge and travel expenses for installation	<i>\$0.00</i>	\$0.00	Mobilization Charge and Travel Expenses for Installation of EAS,CAP, Satellite Interconnect, Final Transmitter /Antenna connection, station turn on. Trip \$1500/day 4 days. See ARCJ Turnkey Integration Quote & SOW. pdf	N/A	N/A

Additional Field Engineering Service, 5 Days	\$11,000.00	\$11,000.00	Turnkey Installation and integration of new and existing equipment. Installation of EAS,CAP, Satellite Interconnect, Final Transmitter /Antenna connection, station turn on. See ARCJ Turnkey Integration Quote & SOW. pdf	\$11,000.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$3,262.50	\$1,700.00	N/A	\$1,700.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,052.50	\$1,052.50	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$1,280.00	\$150.00	N/A	\$150.00	N/A
Project management of the transition	\$8,440.00	\$7,000.00	See ARCJ Project Management Quote & SOW. pdf	\$7,000.00	N/A

Prepare/ Review 399 reimbursement form	\$1,710.00	\$1,710.00	See BWS 399 Reimbursement Estimate.pdf	\$1,000.00	N/A
Form 399 assistance or other Program Management costs	\$3,200.00	\$3,200.00	See BWS Estimate Eligibility.pdf	\$3,200.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$2,102.50	\$1,500.00	N/A	N/A	N/A
Sub-total	\$35,097.50	\$30,362.50	N/A	\$27,100.00	N/A
Total for all systems	\$475,661.46	\$338,915.38	N/A	\$208,034.42	N/A

Components

Actual Information	
Description	File Name
Mobilization Charge and travel expenses for site survey	Component Description:
	Site mobilization
	Amount:
	\$1,125.00
	Component Description:
	50% Site Mobilization
	Amount:
	\$1,125.00
Site Survey	Component Description:
	Site Survey
	Amount:
	\$400.00
	Component Description:
	50% Site Survey
	Amount:
	\$400.00

Mobilization Charge and travel expenses for installation	Information not provided.	
Additional Field Engineering Service, 5 Days	Component Description: Amount:	TURNKEY \$11,000.00
Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description: Amount:	Legal Work \$1,700.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Component Description: Amount:	CP EXT \$150.00
Project management of the transition	Component Description: Amount:	399PM \$1,000.00
	Component Description: Amount:	PM #2 \$1,500.00
	Component Description: Amount:	FINAL PM \$1,500.00
	Component Description: Amount:	50% Project Management \$3,000.00
Prepare/ Review 399 reimbursement form	Component Description: Amount:	399 \$1,000.00

Form 399 assistance or other Program Management costs	<div> <div> Component Description: Amount: </div> <div> 399 WORK \$400.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> 399 Eligibility Fee \$1,000.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> 399 WORK \$800.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> 399 COMPLETE \$1,000.00 </div> </div>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	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	\$15,335.00	\$15,335.00		\$10,000.00	
Equipment Storage	<i>\$5,000.00</i>	\$5,000.00	Included SEE ARCJ Equipment Storage Removal Disposal Quote & SOW	\$5,000.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$5,000.00</i>	\$5,000.00	Removal and disposal of equipment from job site, transmitter, coax, antenna and all debris. SEE ARCJ Equipment Storage Removal Disposal Quote & SOW.pdf	\$5,000.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	N/A	N/A

Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	Equipment storage and delivery to site. See ARCJ Equipment Storage Removal Disposal Quote & SOW.pdf	N/A	N/A
Sub-total	\$15,335.00	\$15,335.00	N/A	\$10,000.00	N/A
Total for all systems	\$475,661.46	\$338,915.38	N/A	\$208,034.42	N/A

Components

Actual Information Description	File Name
Equipment Storage	Component Description: STORAGE Amount: \$5,000.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: EQUIPMENT REMOVAL Amount: \$5,000.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$475,661.46	\$338,915.38
			\$208,034.42

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

	<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Randall Weiss CEO</p> <p>10/05/2022</p>

Attachments