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THE REUTER ORGAN COMPANY

LAWRENCE, KANSAS

PROPOSES A FOUR MANUAL AND PEDAL PIPE ORGAN

WITH ALLEN DIGITAL AUGMENTATION *mnt*
P.J.S.

FOR

CHURCH OF THE REDEEMER, EPISCOPAL

BRYN MAWR, PENNSYLVANIA

MARCH 6, 1996

Philip J. Swartz, Vice President
Factory Representative

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New P-M Antiph 2010
Completed total re-finishing

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Reuter
Preferred Pipe Org.

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GENERAL SPECIFICATIONS

CONSOLE

Detached, movable with recessed wheels and cable storage, curved bench seat with crank for adjustment, back rest, safety glass music rack with fluorescent light at base, and roll top with lock. See Schedule of Additional Provisions attached #1
Compass CC to C4, 61 notes.
Bone naturals, rosewood sharps.
Simulated tracker touch.

MANUALS - 4

PEDAL

Compass CCC to G, 32 notes, American Guild of Organists standard measurements, with light. Maple naturals with black plastic sharps.

REGISTRATION

Controlled by drawknobs. The intramanual couplers are controlled by knobs placed with their respective groups, and the intermanual and manual to pedal couplers are controlled by tilting tablets placed above the top manual.

ACTION

Reuter's pallet and slider chests of Blackinton design with electro-pneumatic key action and electric stop action. Reuter's electro-pneumatic unit chests will be utilized where necessary as indicated by the attached specification.

SWITCHING SYSTEM

Controlled by solid state of multiplex design.

CASEWORK

Such casework as may be needed to enclose the mechanical portions of exposed Great pipework is to be furnished by Reuter.

FACADE

See Schedule of Additional Provisions attached #2
Such pipes as will be included in the facade will be of zinc, painted with aluminum finish, and spotted metal.

ORGAN CHAMBERS

Suitable, finished chambers to be furnished by the Purchaser. Such structural supports as may be required for the exposed section are to be furnished by the Purchaser and located to specifications provided by The Reuter Organ Company.

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Appropriate shutter fronts will be provided, making the Swell and Choir divisions expressive, as indicated on the attached specifications.

WIND AND POWER

The existing organ blower will be retained. In the unlikely event that the existing blower proves inadequate for proper results, an appropriate blower will be installed at extra cost. An action power unit of ample capacity with current indicator light in the console will be provided by Reuter, as well as an on/off switch in the console which activates the blower and rectifier.

TRANSPORTATION

Packing, loading and shipping of any portions of the Purchaser's organ to be returned to the Builder's shop will be provided by The Reuter Organ Company. All transportation of the completed instrument to the Purchaser's installation site also will be provided by Reuter.

TONAL REGULATION

On-site tonal regulation of the organ will be performed by the tonal staff of The Reuter Organ Company. The Builder will notify the Purchaser of the proposed scheduling of this final procedure. Upon completion of the on-site tonal regulation of the pipe organ, the tonal staff of the Allen Organ Company will complete the tonal finishing of the digital voices. This procedure will insure a harmonious blending of the pipe organ voices with the digital voices.

CHESTS

Except as outlined in the attached stop-list, all chestwork will be new. The Antiphonal chestwork will be retained, as is.
See Schedule of Additional Provisions attached #3

PIPEWORK

Except for the reuse of existing pipework specifically indicated, all other pipework will be new, being scaled, constructed and voiced in the Reuter shop for this organ.

DIGITAL VOICES

The digital voices listed on the attached specification will be provided by the Allen Organ Company of Macungie, PA. The voices will be constructed and built to compliment the pipe organ voices. Close collaboration between the tonal departments of both companies will be maintained, insuring proper and exciting results.

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EXISTING INSTRUMENT

The Builder will remove and return to its shop all of the organ pipes of the main organ. Those not retained in the new instrument or not used for rescaling purposes will be scrapped by the Builder.

The remainder of the instrument will become the property of the Purchaser and may be disposed of as the Purchaser desires.

WARRANTY

The Reuter Organ Company warranty (specimen attached) will apply to all new portions of the organ as outlined in this proposal. All existing portions of the organ that are being reused, unaltered, are excluded from the warranty.

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RESPONSIBILITY

See Schedule of Additional Provisions attached #4.

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AUDIO EQUIPMENT

The audio equipment (speakers) for the digital voices will be located within the organ chamber area. No speakers are to be hung on any of the brick walls.

There will be six other prominence projectors for the great organ included in this proposal. These will be mounted in mutually agreed upon positions in the side aisles. The volume level of these prominence projectors will be adjusted to suit the acoustics or individual requirements to the satisfaction of the Purchaser's Rector, and a switch will be provided at the organ console to turn off the prominence projectors if their use is not desired.

Sufficient speakers have been allowed in this proposal for all digital voices. If desired for the digital Solo division, four speaker cabinets may be mounted in a mutually agreed position in the western-most bays of the side aisles. The dimensions of these cabinets are 14 1/2" wide x 25 1/2" high x 12 1/2" deep. The volume level of these speakers will be adjusted to suit the acoustics or individual requirements to the satisfaction of the Purchaser's Rector, and a switch will be provided at the organ console to turn off these speakers if their use is not desired. This switch may be a separate entity or combined with the aforementioned switch for the prominence projectors and could be labeled "Nave Speakers Off."

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GREAT ORGAN (Exposed except as noted *, unenclosed)

1.	8' Principal	61 new pipes
2.	8' Bourdon	61 new pipes
3.	4' Octave	61 new pipes
4.	4' Open Flute	61 new pipes
5.	2 2/3' Twelfth	61 existing pipes, reconditioned
6.	2' Fifteenth	61 new pipes
7.	1 3/5' Seventeenth	61 existing pipes, reconditioned
8.	IV Fourniture	244 new pipes
9.	8' Trumpet	61 new pipes, *
10.	Midi to Great	

GREAT ORGAN (Enclosed and expressive; unaffected by intramanual coupling)

11.	16' Violone	61 notes - Allen digital voice
12.	8' Principal	61 notes - Allen digital voice
13.	8' Spitzflute	61 notes - Allen digital voice
14.	8' Violone	61 notes - Allen digital voice
15.	4' Octave	61 notes - Allen digital voice
16.	2' Super Octave	61 notes - Allen digital voice
17.	IV Mixture	61 notes - Allen digital voice
18.	16' Contre Trumpet	61 notes - Allen digital voice
19.	Tremolo	(enclosed stops only)

Couplers to Great:

Great to Great 16'	Choir to Great 16'
Great Unison Off	Choir to Great 8'
Great to Great 4'	Choir to Great 4'
Swell to Great 16'	Antiphonal to Great 16'
Swell to Great 8'	Antiphonal to Great 8'
Swell to Great 4'	Antiphonal to Great 4'
	Solo to Great 8'

SWELL ORGAN (Expressive - Shutter Front by Reuter)

20.	16' Rohrflute	73 existing pipes, reconditioned
21.	8' Geigen Principal	61 existing pipes, reconditioned
22.	8' Rohrflute	
23.	8' Viola	61 existing pipes, reconditioned
24.	8' Echo Viole	61 notes - Allen digital voice
25.	8' Viola Celeste	61 existing pipes, reconditioned
26.	8' Echo Viole Celeste	61 notes - Allen digital voice
27.	4' Principal	61 new pipes
28.	4' Hohlflute	61 new pipes
29.	2 2/3' Nazard	61 new pipes
30.	2' Blockflute	61 existing pipes, reconditioned
31.	1 3/5' Tierce	61 new pipes
32.	IV Plein Jeu	244 new pipes
33.	16' Bombarde	61 existing pipes, reconditioned
34.	8' Trompette	61 new pipes
35.	8' Oboe	61 new pipes
36.	8' Vox Humana	61 notes - Allen digital voice
37.	4' Clarion	61 new pipes
38.	Tremolo	
39.	Midi to Swell	

Couplers to Swell:

Swell to Swell 16'

Swell Unison Off

Swell to Swell 4'

Antiphonal to Swell 8'

Solo to Swell 8'

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CHOIR ORGAN (Expressive - Shutter Front by Reuter)

40.	16'	Gemshorn	97 existing pipes, reconditioned
41.	8'	Clarabella	61 existing pipes, reconditioned
42.	8'	Gedeckt	61 existing pipes, reconditioned
43.	8'	Viola	61 existing pipes, reconditioned
44.	8'	Gemshorn	
45.	8'	Dolcan	61 existing pipes, reconditioned
46.	8'	Dolcan Celeste	61 existing pipes, reconditioned
47.	II	Flute Celeste	110 existing pipes, reconditioned
48.	4'	Spitz Principal	61 new pipes
49.	4'	Koppelflute	61 existing pipes, reconditioned
50.	4'	Orchestral Flute	61 existing pipes, reconditioned
51.	4'	Gemshorn	
52.	2 2/3'	Gemshorn	
53.	2'	Principal	61 new pipes
54.	2'	Gemshorn	
55.	1 3/5'	Gemshorn	
56.	1 1/3'	Quint	61 new pipes
57.	IV	Cymbale	244 new pipes
58.	8'	Tuba	61 existing pipes, reconditioned
59.	8'	Orchestral Oboe	61 existing pipes, reconditioned
60.	8'	English Horn	61 existing pipes, reconditioned
61.	8'	Clarinet	61 existing pipes, reconditioned
62.	4'	Clarion	61 existing pipes, reconditioned
63.		Tremolo	
64.		Midi to Choir	

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SOLO ORGAN (Expressive, unaffected by intramanual couplers)

65.	8' Diapason	61 notes - Allen digital voice
66.	8' Flauto Mirabilis	61 notes - Allen digital voice
67.	8' Gamba	61 notes - Allen digital voice
68.	8' Gamba Celeste	61 notes - Allen digital voice
69.	4' Octave	61 notes - Allen digital voice
70.	V Grand Fourniture	61 notes - Allen digital voice
71.	16' Bombarde	61 notes - Allen digital voice
72.	8' Trompette Harmonique	61 notes - Allen digital voice
73.	8' French Horn	61 notes - Allen digital voice
74.	8' Corno di Bassetto	61 notes - Allen digital voice
75.	4' Clarion	61 notes - Allen digital voice
76.	Tremolo	
77.	Midi to Solo	

Couplers to Solo:

Antiphonal to Solo 8'

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ANTIPHONAL ORGAN (Existing, as is, exposed)

78.	8' Bourdon	61 pipes
79.	4' Octave	61 pipes
80.	4' Spillflute	61 pipes
81.	2' Flute	61 pipes
82.	III Mixture	183 pipes
83.	8' Trompette	61 pipes

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NOTE: The Antiphonal Pedal stop is included in the Pedal division and will be affected by the usual Pedal toe pistons.

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84.	32' Subbass	32 notes - Allen digital voice
85.	32' Rohrflute	32 notes - Allen digital voice
86.	16' Principal	32 existing pipes, reconditioned
87.	16' Subbass	32 notes - Allen digital voice
88.	16' (Gt) Violone	
89.	16' (Sw) Rohrflute	
90.	16' (Ch) Gemshorn	
91.	16' (Ant) Bourdon	12 existing pipes, as is
92.	8' Principal	32 existing pipes, reconditioned
93.	8' Major Bass	32 notes - Allen digital voice
94.	8' (Gt) Violone	
95.	8' (Sw) Rohrflute	
96.	4' Choral Bass	32 new pipes
97.	4' Flute	32 notes - Allen digital voice
98.	IV Mixture	128 existing pipes, reconditioned
99.	32' Trombone	32 notes - Allen digital voice
100.	16' Trombone	56 existing pipes, reconditioned
101.	16' (Sw) Bombarde	
102.	8' Trombone	
103.	8' (Sw) Bombarde	
104.	4' Trombone	
105.	4' (Sw) Bombarde	
106.	Midi to Pedal	

Couplers to Pedal:

Great to Pedal 8'
Great to Pedal 4'
Swell to Pedal 8'
Swell to Pedal 4'
Choir to Pedal 8'
Choir to Pedal 4'

Antiphonal to Pedal 8'
Antiphonal to Pedal 4'
Solo to Pedal 8'

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GENERAL COMBINATIONS

Pistons adjustable at the keyboard and visibly affecting stop controls, with 32 addressable memory banks.

Eight, thumb pistons affecting the Great stops and intramanual coupler.

Eight, thumb pistons affecting the Swell stops and intramanual coupler.

Eight, thumb pistons affecting the Choir stops and intramanual coupler.

Four, thumb pistons affecting the Antiphonal stops.

Eight, thumb pistons affecting the Solo stops.

Eight, toe pistons affecting the Pedal stops.

Four Midi thumb pistons.

Twelve, thumb pistons affecting all stops and couplers of the entire organ, duplicated on toe pistons.

General Cancel thumb piston.

Setter thumb piston.

REVERSIBLES

Great to Pedal, thumb and toe pistons.

Swell to Pedal, thumb and toe pistons.

Choir to Pedal, thumb and toe pistons.

Antiphonal to Pedal, thumb and toe pistons.

Solo to Pedal, thumb and toe pistons.

Full Organ, thumb and toe pistons.

PEDAL MOVEMENTS

Register Crescendo Pedal with indicator light.

Balanced Shutter Pedal, Swell Organ.

Balanced Shutter Pedal, Choir Organ.

Balanced Shutter Pedal, Great Organ.

Shutter Pedal - Solo Organ P.J.A. Jr

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MIDI PACKAGE

Midi In jack.

Midi Out jack.

Sequencer Out jack.

Remote Piston Box for Organ General pistons.

Midi Control Panel.

Sustain toe stud.

Sequencer Start-Stop toe stud.

Sequencer - Yamaha MDF-2.

Expression controlled by organ swell shoes.

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ADDENDUM III

August 2, 1996

ADDENDUM to the Agreement dated April 16, 1996, by and between The Reuter Organ Company, Lawrence, Kansas, the Builder, and Church of the Redeemer, Bryn Mawr, Pennsylvania, the Purchaser.

It is mutually agreed by both parties hereto that the following addition shall be made in the stoplist of the pipe organ as covered under the above-referred to agreement:

Install the following reversers in the console:
Swell to Great, controlled by thumb piston
Antiphonal to Great, controlled by thumb piston
Choir to Great, controlled by thumb piston
Solo to Great, controlled by thumb piston
Cymbelstern, controlled by toe piston
32' Subbass, controlled by toe piston
32' Rohrflute, controlled by toe piston
32' Trombone, controlled by toe piston
All 32' Off, controlled by ~~toe~~ piston.

THUMB *a*

PLEASE NOTE: The Sustain toe piston that was left out of the organ piston and reverser layout will not be eliminated. This is an absolute essential function of the MIDI system, and, although may not be used by the present organist, a guest organist or future organist would absolutely demand it. The Sustain toe piston is a standard function of our MIDI package.

In consideration for the above addition, the Purchaser agrees to pay the Builder the additional sum of Three Thousand One Hundred Twenty-seven (\$3,127.00) Dollars, plus any applicable taxes, upon completion of the organ installation.

All other terms and provisions of the said organ contract shall remain unchanged.

CHURCH OF THE REDEEMER
BRYN MAWR, PENNSYLVANIA

BY: 

Reuter's Organ

THE REUTER ORGAN COMPANY
LAWRENCE, KANSAS

BY: 

8/16/96

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