

**THE REUTER ORGAN COMPANY**

**LAWRENCE, KANSAS**

**PROPOSES A THREE MANUAL AND PEDAL PIPE ORGAN**  
**(Incorporating pipes from the 1959 Moller)**

**52 stops**  
**69 ranks**

**FOR**

**SARDIS PRESBYTERIAN CHURCH**

**CHARLOTTE, NORTH CAROLINA**

June 4, 2007 - Final for contract

**Donald E. Chance - Reuter Representative**  
**P.O. Box 915, Greensboro, GA 30642**

## GENERAL SPECIFICATIONS

CONSOLE	Detached, movable with recessed wheels and cable storage; with curved bench seat with crank for adjustment, and safety glass music rack with fluorescent light at base.
MANUALS - 3	Compass CC to C4, 61 notes. Naturals surfaced with bone, sharps of black composite material. Simulated tracker touch.
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 with electro-pneumatic unit chests will be utilized where necessary to conform to all unit stops in the attached specification.
SWITCHING SYSTEM	Controlled by Solid State.
CASEWORK	Case for the exposed mechanical portion of the Antiphonal organ to be furnished by The Reuter Organ Company. Such casework is to be of oak on the exterior and finished to match the furnishings of the church or to a sample provided by the Purchaser.
FACADE	Façade pipes to be of zinc, painted.
ORGAN CHAMBERS	Suitable, finished chambers to be furnished by the Purchaser. Such structural supports as may be required for any exposed sections are to be furnished by the Purchaser, and located to specifications provided by The Reuter Organ Company.
EXPRESSION ENCLOSURES	Expression enclosures to house the Swell and Choir divisions to be provided by The Reuter Organ Company.

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**GENERAL SPECIFICATIONS** (Continued)

WIND AND POWER	The Reuter Organ Company will provide organ blowers with motors of ample capacity and static reservoirs, an action power unit of ample capacity with current indicator light in the console, and an on/off switch in the console which activates the blowers and rectifier.
TRANSPORTATION	<p>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.</p> <p>All transportation of the completed instrument to the Purchaser's installation site also will be provided by Reuter.</p>
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.
EXISTING INSTRUMENT	All portions of the Purchaser's existing organ to be reused, as outlined in the attached specification, will be removed by the Builder and shall remain the sole property of the Purchaser, except for such items being returned for scrap and appropriate cost considerations. The Purchaser will remove and dispose of all unused portions of the Purchaser's existing organ.
WARRANTY	The Reuter Organ Company warranty (specimen attached) will apply.

**GREAT ORGAN**    Manual II

16'	Violone	73 pipes	1-32 existing Pedal, 22-73 new
8'	Diapason	61 pipes	New
8'	Violone	Extension of 16' Violone	
8'	Open Flute	61 pipes	Existing Quintaton modified
8'	Bourdon	61 pipes	Existing
4'	Octave	61 pipes	New
4'	Spillflute	61 pipes	New
2 2/3'	Quint	61 pipes	New
2'	Super Octave	61 pipes	New
III	Cornet (tc)	137 pipes	From existing pipes
III-IV	Fourniture	232 pipes	New
III-IV	Scharf	203 pipes	New
16'	Bombarde	From Swell	
8'	Tromba	61 pipes	New
8'	Tuba	From Choir	
8'	Trompette en Chamade	From Antiphonal	
8'	Fagotto	From Choir	
8'	French Horn	From Choir	
8'	Clarinet	From Choir	
8'	English Horn	From Choir	

(Continued)

**GREAT ORGAN** (Continued)

Tremulant

Chimes                                      21 tubes                      existing tubes, new action

MIDI

Couplers to Great:

Great to Great 16'

Great Unison Off

Great to Great 4'

Swell to Great 16'

Swell to Great 8'

Swell to Great 4'

Choir to Great 16'

Choir to Great 8'

Choir to Great 4'

Antiphonal to Great 8'

Great/Choir Transfer

**SWELL ORGAN**      Manual III

16'	Rohrflute	12 pipes	New, wood
8'	Geigen Diapason	61 pipes	New
8'	Viole	61 pipes	New
8'	Viole Celeste	61 pipes	New
8'	Flute Dolce	61 pipes	New
8'	Flute Celeste (tc)	49 pipes	New
8'	Rohrflute	61 pipes	1-12 new, 13-61 existing Swell
4'	Principal	61 pipes	New
4'	Hohlflute	61 pipes	Existing Choir
2 2/3'	Nazard	61 pipes	New
2'	Flautino	61 pipes	Existing Swell
1 3/5'	Tierce	61 pipes	Existing Choir
IV	Plein Jeu	244 pipes	New
16'	Bombarde	85 pipes	1-73 existing Pedal/Swell revoiced
16'	Trompette en Chamade (tc)	From Antiphonal	Not affected by couplers
8'	Trompette	61 pipes	New
8'	Oboe	61 pipes	New
8'	Vox Humana	61 pipes	From ROC stock
8'	Trompette en Chamade	From Antiphonal	Not affected by couplers
4'	Clarion	Extension of 16' Bombarde	
	Tremulant		

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**SWELL ORGAN** (Continued)

MIDI

Couplers to Swell:

Swell to Swell 16'

Swell Unison Off

Swell to Swell 4'

Antiphonal to Swell 8'



**CHOIR ORGAN**      Manual I

16'	Gambe	73 pipes	Existing
8'	Diapason	61 pipes	1-12 existing Great, 13-61 new
8'	Gambe	Extension of 16' Gambe	
8'	Gambe Celeste (TC)	49 pipes	Existing Swell
8'	Erzahler	61 pipes	New
8'	Erzahler Celeste (GG)	54 pipes	New
8'	Stopped Diapason	61 pipes	New (wood)
4'	Principal	61 pipes	New
4'	Harmonic Flute	61 pipes	New
2'	Doublette	61 pipes	Existing Choir
1 1/3'	Larigot	61 pipes	Existing Choir 1' and miscellaneous pipes
III-IV	Mixture	232 pipes	New
16'	Fagotto	73 pipes	Existing Swell and Great
16'	Tuba (tc)		Not affected by couplers
8'	Tuba	61 pipes	Not affected by couplers, high pressure
8'	Trompette en Chamade	From Antiphonal	Not affected by couplers
8'	Fagotto	Extension of 16' Fagotto	
8'	Clarinet	61 pipes	New
8'	French Horn	61 pipes	New
8'	English Horn	Preparation	

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**CHOIR ORGAN** (Continued)

Tremulant

MIDI

Couplers to Choir:

Choir to Choir 16'

Choir Unison Off

Choir to Choir 4'

Swell to Choir 16'

Swell to Choir 8'

Swell to Choir 4'

Antiphonal to Choir 8

ANTIPHONAL ORGAN

Floating, exposed on back wall

8'	Principal	61 pipes	New
8'	Gedeckt	73 pipes	Existing Choir and miscellaneous
4'	Prestant	73 pipes	Existing Swell
4'	Gedeckt	Extension of 8' Gedeckt	
2'	Doublette	Extension of 4' Prestant	
8'	Trompette en Chamade	61 pipes - <i>preparative</i>	(no stop control in Antiphonal jamb)

## PEDAL ORGAN

32'	Bourdon	12 notes (Walker), 13-32 from Bourdon
16'	Principal	44 pipes      New
16'	Violone	From Great
16'	Bourdon	56 pipes      1-44 existing pipes, 45-56 new
16'	Rohrflute	From Swell
16'	Gambe	From Choir
8'	Principal	Extension of 16' Principal
8'	Violone	From Great
8'	Bourdon	Extension 16' Bourdon
8'	Rohrflute	From Swell
8'	Gambe	From Choir
4'	Choral Bass	32 pipes      Existing Great rescaled
4'	Bourdon	Extension of 16' Bourdon
IV	Mixture	128 pipes      Rank 1 & 2 existing; rank 3 & 4 from miscellaneous
32'	Contre Bombarde	12 pipes      New, 13-32 from Swell
16'	Posaune	56 pipes      New
16'	Bombarde	From Swell
16'	Fagotto	From Choir
8'	Posaune	Extension of 16' Posuane
8'	Tuba	From Choir
8'	Trompette en Chamade	From Antiphonal
8'	Bombarde	From Swell
8'	Fagotto	From Choir
4'	Posaune	Extension of 16' Posuane
4'	Clarion	From Swell
4'	Clarinet	From Choir
	Chimes	From Great

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**PEDAL ORGAN** (Continued)

MIDI

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'

### **ADJUSTABLE COMBINATIONS**

Pistons adjustable at the keyboard and visibly affecting stop controls with up to 256 addressable memory levels.

Six, thumb pistons affecting the Great stops and intramanual couplers.

Six, thumb pistons affecting the Swell stops and intramanual couplers.

Six, thumb pistons affecting the Choir stops and intramanual couplers.

Four, thumb pistons affecting the Antiphonal stops and intramanual couplers.

Six, toe pistons affecting the Pedal stops only.

Sixteen, thumb pistons affecting all stops and couplers of the entire organ, 1-12 duplicated on toe pistons.

General Cancel thumb piston.

Setter thumb piston.

Indicator 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.

Full Organ, thumb and toe pistons, programmable, multi-level, with indicator light.

Cymbelstern, toe piston, with six bell instrument.

## **PEDAL MOVEMENTS**

Register Crescendo Pedal, programmable, multi-level, with bar graph indicator.

Balanced Shutter Pedal, Swell Organ.

Balanced Shutter Pedal, Choir Organ.

## **ACCESSORIES**

LCD Display Panel.

Transposer Up, 7 steps.

Transposer Down, 7 steps.

Memory Up, thumb piston.

Memory Down, thumb piston.

Player piston.

Pedal to Great, thumb piston.

Piston Sequencer, thumb piston.

Piston Sequencer Up, thumb piston.

Piston Sequencer Down, thumb piston.

MIDI "In" port.

MIDI "Out" port.

MIDI "Thru" port.

Record/Playback with on-board storage.