

M. P. MÖLLER Organ Factory

4-45/57

Pipe Organ No. 10704 Date January 26, 1970
 For FIRST UNITED METHODIST CHURCH, BIRMINGHAM, MICHIGAN
 Action Moller's Electro-Pneumatic Console Detached *Moveable*
 Casing No. None Finish As Per Sample
 Decorations None Motor Main 7-1/2 H.P. Style 3-P-3330 *Antiphonal to be determined later.*
 Width of Key-bed Standard *Stops and intra-manual couplers by draw*
Imported English Ivory *Stop Controls knobs, Inter-manual couplers*
 No. Manuals FOUR *by tilting tablets.*
 To be Completed September 5, 1971 *Wind Pressure Gt. 3-1/4", Pos. 3-1/4",
 Sw. & Ch. 4", Ped. 3-1/2" & 4", Ant. 3"*
 Blower Pipe furnished by Purchaser

PITCH: A-440

SPECIFICATIONS

GENERAL: This instrument shall be a distinctive work of the builder, a product of his factory, and in no way an assembled product. It shall be erected in the factory, tested, and tone-regulated in the church by the Moller Staff.

GREAT ORGAN (Manual II) ¹³ (Exposed on both sides of Altar)

- | | | |
|-----|------------|---|
| 1. | 8' | Principal.....47.....18-1/2.....12 Zinc S.M.....61 pipes |
| 2. | 8' | Bourdon.....54.....20-1/2.....12 Zinc S.M.....61 pipes |
| 3. | 8' | Dulciana.....56.....17-1/2.....12 Zinc S.M.....61 pipes |
| 4. | 4' | Octave.....58.....18-1/2.....S.M.....61 pipes |
| 5. | 4' | Spitzflöte.....58-2/3...18-1/2.....S.M.....61 pipes |
| 6. | 2' | Doublette.....73.....19-1/2.....S.M.....61 pipes |
| 7. | II-IV Rks. | Fourniture.....Formula "A" 17-1/2.....S.M.....208 pipes |
| 8. | III Rks. | Scharf.....Formula "B" 17-1/2.....S.M.....183 pipes |
| 9. | | Chimes (Choir)...A to F #22 to #42 Electric action
<i>Mayland</i> with volume control.....21 tubes |
| 10. | | Harp (Echo).....connected to present Harp |

PANEL WORK

~~Material (oak) and labor required to enclose the mechanism of the Exposed Great Organ and exposed wind conductors to the Great Organ is included in this contract price. Material and labor for the chest supports for the Exposed Great Organ are to be done by the Church. Details will be furnished by M. P. Moller, Inc.~~

SWELL ORGAN (Manual III) ¹² (Enclosed in Chamber)

- | | | |
|-----|--------|---|
| 11. | 16' | Rohrbass (unit)..CCC 40..CC 54..21-1/2...24 Zinc S.M.....85 pipes |
| 12. | 8' | Geigen Principal..48.....18-1/2.....12 Zinc S.M.....73 pipes |
| 13. | 8' | Rohrflöte.....from #11.....61 notes |
| 14. | 8' | Viole de Gambe....54.....18-1/2.....12 Zinc S.M.....61 pipes |
| 15. | 8' | Viole Celeste.....56.....18-1/2.....12 Zinc S.M.....61 pipes |
| 16. | 4' | Prestant.....from #12.....61 notes |
| 17. | 4' | Rohrflöte.....from #12.....61 notes |
| 18. | 2-2/3' | Nazard.....66-2/3...20-1/2.....S.M.....61 pipes |
| 19. | 2' | Blockflöte.....68-3/4...20-1/2.....S.M.....61 pipes |
| 20. | 1-3/5' | Tierce.....75-1/2...19-1/2.....S.M.....61 pipes |

SWELL ORGAN (Manual III) (continued)
(Enclosed in Chamber)

21.	III Rks.	Plein Jeu.....	Formula "C" 18-1/2.....	S.M....	183 pipes
22.	16'	Basson....	1-18 half length CCC 3".....		85 pipes
23.	8'	Trompette....	CC 3-3/4" TC 2-1/4"		73 pipes
24.	4'	Clairon.....	from #23.....		61 notes
25.	4'	Oboe.....	from #22.....		61 notes
26.		Tremolo			

CHOIR ORGAN (Manual I) 5
(Enclosed in Chamber)

27.	16'	Erzahler...CCC 44-1/4 CC 52-1/4...17-1/2..24 Zinc S.M...	73 pipes
28.	8'	Erzahler.....from #27.....	61 notes
29.	8'	Erzahler Celeste T.C. 54-1/4..17-1/2.....S.M...	49 pipes
30.	8'	Hohlflöte...Reg. Stopped Bass, Reg. Hohlflöte Treble	
			Wood.....61 pipes
31.	4'	Gemshorn.....58-3/4...18-1/2.....S.M...	61 pipes
32.	8'	Krummhorn.....1"S.M...	61 pipes
33.		Chimes.....from #9...Wire #22 to #42.....	21 notes
34.		Tremolo	

ANTIPHONAL ORGAN (Manual I)+6
(Exposed in Balcony)

35.	8'	Bourdon.....	console only
36.	4'	Principal.....	console only
37.	2'	Waldflöte.....	console only
38.	III Rks.	Mixture.....	console only

Note

The Antiphonal Organ is to be prepared for in the console by providing four stop knobs as indicated above.

POSITIV ORGAN (Manual IV) 7
(Unenclosed in Chamber)

39.	8'	Holzgedeckt...Reg. Stopped Flute Bass & Treble..	Wood....	61 pipes	
40.	4'	Koppelflöte.....	64.....20-1/2.....	S.M....	61 pipes
41.	2'	Prinzipal.....	70.....18-1/2.....	S.M....	61 pipes
42.	1-1/3'	Larigot.....	78-2/3...18-1/2.....	S.M....	61 pipes
43.	III Rks.	Zimbel.....	Formula "D"..18-1/2.....	S.M....	183 pipes
44.		Tremolo			

ECHO ORGAN (Manual IV) 4
(Enclosed in Balcony area)

45.	8'	Gedeckt.....Existing
46.	4'	AcianaExisting
47.	4'	Nachthorn.....Existing
48.	8'	Vox Humana.....Existing
49.		Harp.....Existing
50.		Tremolo.....Existing

Note

The existing Echo Organ is to be re-used without change, except that one rank of Dulciana pipes is to be re-used from the present chancel organ as a 4' Dulciana rank in the Echo, replacing one existing rank of 8' pipes. This organ is to be connected to the new console and tuned.

PEDAL ORGAN 4

51.	16'	Contrebasse...CCC 33..CC 46...18-1/2.....29 Zinc S.M.....56 pipes
52.	16'	Subbass.....Large Pedal Bourdon.....Wood.....44 pipes
53.	16'	Rohrbass.....from #11.....32 notes
54.	16'	Erzahler.....from #27.....32 notes
55.	8'	Principal.....from #51.....32 notes
56.	8'	Subbass.....from #52.....32 notes
57.	8'	Rohrflöte.....from #11.....32 notes
58.	8'	Erzahler.....from #27.....32 notes
59.	4'	Choral Bass.....from #51.....32 notes
60.	4'	Rohrflöte.....from #11.....32 notes
61.	II Rks.	Rauschpfeife.....Formula "E" 18-1/2.....S.M.....88 pipes
62.	II Rks.	Quarta.....from #6132 notes
63.	32'	Cornet (Synthetic) IV Rks...from #52 Formula "F"32 notes
64.	16'	Contra Trompette..CCC 6" CC 3-3/4" 12 pipes
		20 from #23.....32 notes
65.	16'	Bassonfrom #22.....32 notes
66.	8'	Trompette.....from #23.....32 notes
67.	4'	Clairon.....from #23.....32 notes
68.	4'	Oboe.....from #22.....32 notes

CONSOLE

MANUAL DESIGNATION

Manual I	Choir/Antiphonal
Manual II	Great
Manual III	Swell
Manual IV	Positiv/Echo

All stops and couplers to be numbered. Each division to start with #1.

COUPLERS CONTROLLED BY DRAW KNOBS

- 69. Great to Great 16'
- 70. Great to Great 4'
- 71. Great Unison Off
- 72. Swell to Swell 16'
- 73. Swell to Swell 4'
- 74. Swell Unison Off
- 75. Choir to Choir 16'
- 76. Choir to Choir 4'
- 77. Choir Unison Off
- 78. Positiv to Positiv 16'
- 79. Positiv to Positiv 4'
- 80. Positiv Unison Off

COUPLERS CONTROLLED BY TILTING TABLETS

- 81. Great to Pedal 8'
- 82. Swell to Pedal 8'
- 83. Swell to Pedal 4'
- 84. Choir to Pedal 8'
- 85. Choir to Pedal 4'
- 86. Positiv to Pedal 8'
- 87. Positiv to Pedal 4'
- 88. Swell to Great 16'
- 89. Swell to Great 8'
- 90. Swell to Great 4'
- 91. Choir to Great 16'
- 92. Choir to Great 8'
- 93. Choir to Great 4'
- 94. Positiv to Great 16'
- 95. Positiv to Great 8'
- 96. Positiv to Great 4'
- 97. Swell to Choir 16'
- 98. Swell to Choir 8'
- 99. Swell to Choir 4'
- 100. Positiv to Choir 16'
- 101. Positiv to Choir 8'

Note

All Echo Organ stops to be affected by Positiv Couplers.

All Antiphonal Organ stops to be affected by Choir Couplers.

CAPTURE SYSTEM COMBINATION ACTION, ADJUSTABLE AT CONSOLE

Moving all drawknobs and couplers (Total 33 Pistons)

Pistons No. 1-2-3-4-5 and tab cancel	Affecting Great
Pistons No. 1-2-3-4-5 and tab cancel	Affecting Swell
Pistons No. 1-2-3-4-5 and tab cancel	Affecting Choir + <i>Antiphonal</i>
Pistons No. 1-2-3-4-5 and tab cancel	Affecting Positiv + <i>Echo</i>
Pistons No. 1-2-3-4-5 and tab cancel	Affecting Pedal
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ
General Cancel Piston	Affecting Full Organ
Toe Studs No. 1-2-3-4-5	Duplicating Pedal
Toe Studs No. 1-2-3-4-5-6-7-8	Duplicating Full Organ
Combination Setter Piston	
Combination Setter Lock and Keys	

REVERSIBLE ACTIONS

Great to Pedal, Manual piston and toe stud
 Swell to Pedal, Manual piston and toe stud (4' in Off)
 Choir to Pedal, Manual piston and toe stud (4' in Off)
 Positiv to Pedal, Manual piston and toe stud (4' in off)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ
 Balanced Expression Pedal - Choir Organ
 Balanced Expression Pedal - Echo Organ
 Balanced Crescendo Pedal with indicator light (green jewel)

Sforzando Reversible - Duplicated by Manual Piston + Indicator Light (red jewel).

ACCESSORIES

Indicator light for Sforzando, red jewel
 Signal light marked "Narthex", amber jewel, console only
 One signal push button
 Light for plexiglas music rack
 Light for pedal clavier
 Concave, radiating pedal clavier AGO standard
 Organ bench with music shelf, adjustable
 Electric clock with second indicator
 Electric stopwatch timer, if available
 Electric motor, blower and DC organ power unit of ample capacity
 Four ounce touch on all manual keys, standard action, level
 Glides to be placed under console to allow movement in chancel
 Console cabinetwork to match chancel furniture.
 Imported English Ivory Keys
 Multiple contact electrical system

Should the church elect, M. P. Moller, Inc. will remove the present pipe organ (except Echo Organ). There will be no charge and no credit for this option.

Freight costs between Hagerstown, Maryland and The Church are included in this contract price.

Details of Construction of M. P. Moller Pipe Organs are attached hereto and form part of this contract.

Furnish and install a motor starter key switch, mounted in jamb of console (no indicator light).

~~Grille fabric as required, delivered only.~~

90° Swell Shutters

Muffler Boxes throughout

JHH/mr

6/9/70

Salesman: Jack Staley

SPECIAL MIXTURE FORMULAS

GREAT ORGAN
II-IV Rks. Fourniture Formula "A"

	19	15	12	8	8
	22	19	15	12	12
		22	19	15	15
			22	19	15
	1-12	13-24	25-36	37-48	49-61
Unison	45	@ 8' CC	17-1/2	1/4 mouth	S.M.
Quint	46	@ 8' CC	17-1/2	2/9 mouth	S.M.

III Rks. Scharf Formula "B"

	26	22	19	15	12	8
	29	26	22	19	15	12
	33	29	26	22	19	15
	1-18	19-36	37-42	43-49	50-55	56-61
Unison	46	@ 8' CC	17-1/2	1/4 mouth	S.M.	
Quint	47	@ 8' CC	17-1/2	2/9 mouth	S.M.	

SWELL ORGAN
III Rks. Plein Jeu Formula "C"

	22	19	15	12	8
	26	22	19	15	12
	29	26	22	19	15
	1-12	13-24	25-42	43-54	55-61
Unison	48	@ 8' CC	18-1/2	1/4 mouth	S.M.
Quint	49	@ 8' CC	18-1/2	2/9 mouth	S.M.

POSITIV ORGAN
III Rks. Zimbel Formula "D"

	36	33	29	26	22	19	15	12	8
	40	36	33	29	26	22	19	15	12
	43	40	36	33	29	26	22	19	15
	1-6	7-12	13-18	19-24	25-30	31-36	37-49	50-55	56-61
Unison	49	@ 8' CC	18-1/2	1/4 mouth	S.M.				
Quint	50	@ 8' CC	18-1/2	2/9 mouth	S.M.				

ORGAN NO. 10704

FIRST UNITED METHODIST CHURCH, BIRMINGHAM, MICHIGAN

PEDAL ORGAN

II Rks. Rauschpfeife Formula "E"

2-2/3'	67 scale	18-1/2	2/9 mouth	S.M.	44 pipes
2'	71 scale	18-1/2	1/4 mouth	S.M.	44 pipes

32' IV Rks. Cornet Synthetic Formula "F"

All from Bourdon

10-2/3	1-32	Wire 8 - 39	32 notes
6-2/5	1-28	17 - 44	28 notes
4-4/7	1-22	23 - 44	22 notes
3-5/9	1-18	27 - 44	18 notes