

# *The Aeolian Company*

PIPE-ORGAN DEPARTMENT

*Aeolian Hall New York*

*John W. Heins Managing Director*

*Frank Taft Art Director*

*Builders of  
Aeolian Pipe-Organs  
for  
Residences*

LONDON PARIS BERLIN

WORKS AEOLIAN NEW JERSEY

29 WEST FORTY-SECOND STREET April 28th, 1919.

#  
1437.

## *Specification for an Aeolian Pipe-Organ prepared for*

The Residence of Mr. E. F. Stotesbury,  
Chestnut Hill, - Pennsylvania.

Playable with Aeolian Duo-Art (automatic) Music Rolls, Aeolian  
Solo Music Rolls, and from the Keyboards.

Three Manuals and Pedals, all Manual stops to have 73-note Chests,  
except Mixtures and those of 2' pitch.

All speaking stops not otherwise indicated are of 8' pitch.

Introducing Aeolian Patent Compound Windchest System.

The Manual Keyboards, No. I., II., and III., are arranged in consecutive  
order, No. I. being the lowest.

### GREAT ORGAN. (Playable from Manual II.)

- |     |                 |   |
|-----|-----------------|---|
| 1.  | Diapason F      | ✓ |
| 2.  | Diapason MF     | ✓ |
| 3.  | String F        | ✓ |
| 4.  | String P        |   |
| 5.  | String PP       |   |
| 6.  | Flute F         | ✓ |
| 7.  | Flute P         |   |
| 8.  | Flute (high) 4' | ✓ |
| 9.  | Piccolo 2'      | ✓ |
| 10. | Trumpet         | ✓ |
| 11. | Clarinet        |   |

SWELL ORGAN. (Playable from Manual III.)

- 12. Diapason F ✓
- 13. Dulciana MF ✓
- 14. Dulciana F vibrato
- 15. String F ✓
- 16. String F vibrato
- 17. String P ✓
- 18. String P vibrato ✓
- 19. String PP ✓
- 20. String Mixture
- 21. Flute P ✓
- 22. Flute (high) 4' ✓
- 23. Flute (deep) 16' ✓
- 24. Trumpet ✓
- 25. Oboe ✓
- 26. Vox Humana ✓

CHOIR ORGAN. (Playable from Manual I.)

(Compounded from Manual I. upon the Aeolian Patent Compound Windchest System.)

- 27. Diapason MF ✓
- 28. String F ✓
- 29. String P ✓
- 30. String PP
- 31. Flute F ✓
- 32. Flute P ✓
- 33. Flute (high) 4' ✓
- 34. Piccolo 2'
- 35. Clarinet ✓

SOLO ORGAN. (10 inch wind pressure)

(Playable from Manuals I., II., and III., and Upper and Lower Hoies

- 36. String
- 37. String vibrato
- 38. Flute
- 39. Trumpet

PEDAL ORGAN.

- 40. Diapason (deep) 16' ✓
- 41. String (deep) 16' ✓
- 42. Flute (deep) 16' ✓
- 43. Flute P (deep) 16' ✓ (from No.23)
- 44. Flute 8' ✓
- 45. Trombone (deep) 16'

PERCUSSION INSTRUMENTS.

(Playable from Manuals I., II., and III., and Upper and Lower Holes)

- 46. Harp
- 47. Chimes (With F and P Control)

ECHO ORGAN.

(Playable from Manuals I., II., and III., and Upper and Lower Holes)

- 48. Diapason
- 49. String vibrato
- 50. Flute
- 51. Vox Humana

THE DUO-ART. (Automatic Music)

(The Organ to be equipped with The Aeolian Company's Duo-Art mechanism.)

- 52. By means of this control, in conjunction with Aeolian Pipe-Organ Duo-Art Music Rolls, the stops, tempo, expression, etc. are automatically operated.  
(This equipment is entirely independent of the 116-note Music Control.)

COUPLERS. (Affecting only as specified)

- 53. Manual I to Manual II
- 54. Manual I Sub to Manual II
- 55. Manual I Octave
- 56. Manual I Sub
- 57. Manual I to Pedal
- 58. Manual II Octave
- 59. Manual II Sub
- 60. Manual II to Pedal
- 61. Manual II Octave to Pedal

COUPLERS.      continued.

- 64.      Manual III Octave to Manual II
- 65.      Manual III Sub to Manual II
- 66.      Manual III Octave
- 67.      Manual III Sub
- 68.      Manual III to Pedal
- 69.      Manual III Octave to Pedal
- 70.      Echo Octave    ) Effective when used  
                              ) with Manual Unison
- 71.      Echo Sub        ) Couplers.

ADJUSTABLE COMBINATION PISTONS.

(Located under Manual III.)

- 72. -    77.      Six Adjustable Tutti Combination Pistons and Release. (These Pistons act on all stops, Harp and Chimes, and Echo Organ.)
- 78.      Tablets (Allow only Tablets to sound)
- 79.      Pistons (Allow only Adjustable Combination Pistons to sound)
- 80.      Tablets and Pistons (Allow both Tablets and Adjustable Combination Pistons to sound.)

ACCESSORIES.

- 81.      Sforzando (Full Organ with Octave and Sub Couplers)
- 82.      Tonal:      Crescendo Pedal
- 83. -    86.      Expression Pedals:
  - Great-Choir
  - Swell
  - Solo
  - Echo
- 87. -    90.      Tremolos: Great-Choir
  - Swell
  - Solo
  - Echo
- 91. -    96.      Silencers: (Small stop knobs)
  - Great
  - Swell
  - Choir
  - Solo
  - Echo
  - Pedal
- 97. -    99.      Reversible Pedals:
  - Manual I to Pedal
  - Manual II to Pedal
  - Manual III to Pedal

AEOLIENNE. (Located in Keyboard Console)

100. Normal )  
Reverse ) 116-note Music Control.  
Unison )
101. Aeolian Tempo
102. Aeolian Reroll
103. Aeolian Ventil

MANUAL INDICATING PLATES.

*Choir*

Plates to be used at the top of each Manual-tablet frame indicated from which Manuals the Great, Swell, Solo and Echo Organs can be played as follows:

Great Organ	Manual II
Swell Organ	Manual III
Choir Organ	Manual I
Solo Organ	Manuals I, II, and III
Echo Organ	Manuals I, II, and III

Round plates indicated Manuals I, II, and III, also to be added to the key-frames.

GENERAL DETAILS OF CONSTRUCTION.

- (a) LOCATION: Main Organ to be located in space 17' x 7'6" on first floor, and same space underneath this, and also space in sub basement; the floors and iron framing to be removed making a total height of 41'. Tone exits to be introduced in wall of Great Hall.  
Echo Organ to be located in space to be selected.
- (b) CONSOLE: Console, containing Three Manuals and Pedal Claviers for Manual playing, also complete equipment for playing the Organ with The Aeolian Company's 116-note Solo Music Rolls; position to be determined.
- (c) DUO-ART: Organ to be equipped with The Aeolian Company's Duo-Art device. Location of Duo-Art cabinet to be determined later.
- (d) CASEWORK: Casework for Organ, Consoles, and Organist's seat not included in herewith contract, but any display pipes (undecorated) required for case treatment are included. *Don't Ask*
- (e) BLOWING PLANT: An efficient electric blowing plant to be furnished by Organ builder and located in blower room in sub basement. Also a low voltage generator, to supply proper current for Organ mechanism, to be furnished by Organ builder.
- (f) WINDTRUNKING, CONDUITS AND WIRING: Organ builder to install the necessary galvanized iron windtrunking, and all conduits for Organ cables, from blowing plant to Organ and Consoles, and to bear all expense of electric wiring and conduiting from main feed wire to motor and from motor to switches; also the wiring, switches, and remote control devices necessary to start the Organ from the Consoles.
- (g) PURCHASER AGREES: To prepare Organ chamber and motor room according to the dimensions and Specifications of Organ builder.

WIRING AND CONDUIT DETAILS.

Conduit and wiring: The purchaser to provide the following conduits, wiring, and lights; position and location of same in Organ chambers and Console to be determined by Organ builders.

Conduit and feed wire for 15 H.P. to automatic control panel located near motor.

Conduit and wiring from automatic control panel to motor.

A 3/4" conduit and wires from motor room to Console, for starting switch.

A 2" conduit from Console to Main Organ chamber, for Organ cables furnished by Organ builders.

A 1-1/2" conduit from Main Organ chamber to Echo Organ, for Organ cables furnished by Organ builders.

A twelve (12) light circuit for lights in each Organ chamber, switch controlling lights to be located near entrance doors. Position of lights to be determined later.

Lights for Consoles: Outlet box in Console to provide light for music rack and Pedal keyboard, and for Duo-Art cabinet. Each to have separate control switch or key socket. Conduit and wiring from momentary contact switch in both Console and Duo-Art cabinet to automatic control panel, including wires for pilot lights.

Two galvanized iron pipes, 14" and 10", conveying wind from motor room to Main Organ chamber.

A 8" galvanized iron pipe conveying wind from motor room to Echo Organ chamber.

A 4" galvanized iron pipe conveying wind for action from Console to motor room.

Organ motor, automatic control panel, momentary contact switch, pilot light and fixture, also generator for Organ action.

3/4" conduit from Console to Organ chamber.

3/4" conduit from Organ chamber to motor room.

3/4" conduit from Organ chamber to Echo room.

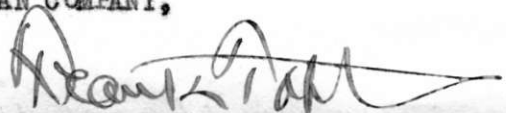
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CONTRACT.

We hereby agree to build an Aeolian Pipe-Organ in accordance with the foregoing Specification and General Details of Construction, (which are hereby made a part of this contract) of the highest attainable standard of quality in both workmanship and materials throughout, and to install same in the residence of Mr. E. T. Stotesbury, Chestnut Hill, Pennsylvania, on or before December 20th, 1919, for and in consideration of the sum of Forty One Thousand, Eight Hundred and Forty Seven Dollars, (\$41,847.00), payable in cash as follows: One-half when Organ is shipped from our Factory at Garwood, New Jersey, and the balance upon completion of the installation.

Said Organ to be at purchaser's risk against damage by fire or water on and after arrival upon his premises.

THE AEOLIAN COMPANY,

  
Pipe-Organ Department.

ACCEPTED BY:

E. T. Stotesbury

This thirteenth day of May 1919.

\$1,647 of above amt is for electric + instrument work  
as per estimates. H.A.



May 23rd, 1919.

United Electric Construction Co.,  
1727 Sansom Street,  
Philadelphia, Pennsylvania.

Attention of Mr. Woodfield.

Dear Sirs:-

We hereby accept your estimate under date of May 19th of \$1222.00 for electrical work to be done in connection with the installation of the Organ in the residence of Mr. E. T. Stotesbury, Chestnut Hill, Philadelphia. It will be necessary for this work to be installed after the Organ spaces have been prepared, and as the building progresses.

Very truly yours,

A. G.

THE AEOLIAN COMPANY, Pipe-Organ Department.

FT.C-

EDGAR J. ELLIS  
PRESIDENT

WILSON McCANDLESS  
SECRETARY & TREASURER

UNITED ELECTRIC CONSTRUCTION CO.  
INCORPORATED  
CONTRACTING ELECTRICAL ENGINEERS  
NEW YORK - PHILADELPHIA

NEW YORK  
101 PARK AVE.  
VANDERBILT 2637

PHILADELPHIA  
1727-29-31 SANSON ST.  
SPRUCE 48-20

Philadelphia, May 19th, 1919.

Aeolian Co.,  
#29 W. 42nd St.,  
New York, N.Y.

Attention-Mr. Taft.

Dear Sirs:-

Beg to submit you revised price of Twelve Hundred Twenty-two Dollars (\$1222.00), for which we propose to furnish all labor and material required for the installation of electrical work in connection with the Organ, Residence of Mr. E.T. Stotesbury, Chestnut Hill, Phila.

From the existing D.C. switchboard, we will run conduit and wiring to a 15 H.P. 220 Volt D.C. motor in basement directly under Organ Chamber, 2" conduit from Console to the Organ Chamber,  $\frac{3}{4}$ " conduit containing 4-#14 wires from Duo-Art to motor starter,  $\frac{3}{4}$ " conduit containing 4-#14 wires from Console to motor starter,  $1\frac{1}{2}$ " conduit from Echo Organ to Organ Chamber,  $\frac{3}{4}$ " conduit from Organ Chamber to Echo Organ,  $\frac{3}{4}$ " conduit from Organ Chamber to Console,  $\frac{3}{4}$ " conduit from Organ Chamber to Motor Room, one flush receptacle for Duo-Art, one flush receptacle for Console, six lighting outlets and one switch in Organ Chamber, two lighting outlets and one switch in Echo Organ, also moving of existing panelboard and fountain control wiring from the existing position in closet adjacent to Main Hall to small passageway between Pantry and Loggia, also extending conduit to the new location of Echo Organ.

This estimate supersedes our estimate of May 1st and May 6th.

This estimate does not include any cutting or repairs to building construction.

Trusting we may have your valued acceptance for same, we are,

Yours very truly,  
UNITED ELECTRIC CONSTRUCTION CO. Inc.

By

AMW.FAK

*U. M. Woodford*