

**WORK ORDER NO. 162****Data Update: StateStreet to Morningstar**

This Work Order No. 162 (the "**Work Order**"), effective as of the Start Date set forth below, is a part of and incorporated into the Development and Hosting Agreement between Charles Schwab & Co., Inc. ("**Schwab**") and Markit On Demand, Inc., formerly known as Wall Street On Demand, Inc. ("**Contractor**"), dated September 1, 2003, as amended ("**Agreement**"). Capitalized terms not defined in this Work Order are as defined in the Agreement. In the event of any conflict between the Agreement and this Work Order, the terms of the Agreement shall govern.

**1. Contacts:**

Contractor Representative: Sarah Miceli  
 Address: 5775 Flatiron Parkway  
 Boulder, CO 80301  
 Telephone number: 303-583-4288  
 Email address: sarah.miceli@spglobal.com

Schwab Representative: David Botset  
 Address: 150 S. Wacker Dr  
 Chicago, IL 60606  
 Telephone number: 312-517-4137  
 Email address: david.botset@schwab.com

Schwab Representative: Brooke Johnson  
 Address: 9800 Schwab Way  
 Lone Tree, CO 80124-5377  
 Telephone number: N/A  
 Email address: brooke.johnson@schwab.com

**2. Term of Work Order:**

Start Date: February 13, 2024  
 Estimated Completion Date: June 15, 2024

**3. Services to be Performed; Schedule of Deliverables/Milestones; Specifications; Acceptance Criteria; Due Dates:****A. Services to be Performed and Deliverables, Specifications:**

Contractor will replace StateStreet data with Morningstar data throughout the Schwab sites.

Specifications, requirements and assumptions:

- Update UI and UX for Schwab ETF holding pages to align with other ETF holding pages.
- All holdings locations should be updated with the changes (zoomed views/popouts, etc).
- Replace data for all data points identified across solutions called out in locations set forth herein (from StateStreet to Morningstar data).
- Holdings locations are set forth below and in-scope data replacement is further defined within Appendix A attached hereto:
  - Legacy
  - Beta (SPA)
  - Prospect
  - SAC
  - Note: This does not include (i) CSIM's site (schwabassetmanagement.com), which will keep StateStreet data, or (ii) Tradesource
- Assumption: Schwab will provide Contractor with documentation of licensing for StateStreet data to remain on CSIM's site

B. Schedule of Services and Deliverables; Milestones:

Service/Deliverable/Milestone	Estimated Completion Date*
Project kick-off	February 15, 2024
Continual quality assurance ("QA") by Contractor of data holdings and updates throughout development process. Schwab QA complete and Services and Deliverables under this Work Order have been Accepted	To be finalized prior to mutually agreed upon date in advance of Launch Date (defined below)
Functionality moved to Contractor's production environment (" <b>Launch Date</b> ")	At mutually agreed upon date

\* To the extent that certain Services or Deliverables under this Work Order depend on Schwab inputs, Contractor shall not be liable for delays caused by Schwab or its agents.

C. Acceptance Criteria:

All Services and Deliverables provided under this Work Order are subject to Acceptance testing pursuant to Section 7 of the Agreement (except that upon completion of review and testing pursuant to the second sentence of Section 7.2 of the Agreement, Schwab shall notify Contractor whether it Accepts or Rejects such Service and/or Deliverable under this Work Order within twenty (20) business days from the date of submission of the Services and/or Deliverables) and will be performed in accordance with the Specifications provided herein or as mutually agreed to in writing by both Parties.

4. **Contractor IP:**

Listing of Contractor IP, if any, as required in Section 13.5 of the Agreement: None.

5. **Third Party IP:**

Listing of Third Party IP, if any, as required in Section 13.7 of the Agreement: None.

6. **Payment Terms:**

A. Contract Sum: The total amount payable under this Work Order shall not exceed \$165,000 (the "**Contract Sum**").

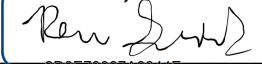
B. Payment Schedule: Contractor shall invoice Schwab for the Contract Sum as follows:

- \$82,500 on March 1, 2024
- \$82,500 no later than June 1, 2024

C. Reimbursable Expenses: Schwab will reimburse Contractor solely for documented expenses ("**Reimbursable Expenses**"), up to a maximum of \$0. All Reimbursable Expenses shall be included in, and not in addition to, the Contract Sum.

D. Invoices: Schwab will provide Contractor with a purchase order or contract control number ("**Order Number**") for invoicing under this Work Order. Contractor agrees that it will provide the Order Number on each invoice and that no invoice will be considered validly submitted under this Work Order without such Order Number. Whenever a purchase order is issued by Schwab as provided herein, the Parties agree that any such issuance is for convenience of the issuer and the terms and conditions of any such purchase order are superseded by this Work Order and the Agreement.

MARKIT ON DEMAND, INC.

By: 


2D2E73927A8344E...

Name: Renee Spampinato

Title: Head of Fincentric

Date: 2/12/2024 | 9:31 AM PST

CHARLES SCHWAB &amp; CO., INC.

By: 

F4A4DE57ED4B484...

Name: David A Botset

Title: Managing Director

Date: 2/10/2024 | 8:43 AM PST

## Appendix A to Work Order No. 162

### Legacy:

ETFs/SchwabETFs/ShowDetails  
ETFs/CompareETFs/Chart  
ETFs/CompareETFs/TearOffCompare  
ETFs/Summary/EtfReportCard  
ETFs/SchwabETFs/ETFsList  
ETFs/SchwabETFs/SchwabETFs  
ETFs/Summary/  
Charts/growthTrends/portfolioHoldings  
Retail/research/stocks/summary  
ETFs/Summary/QuoteDetailsModule

### Prospect:

ETFs/portfolio  
ETFs/summary  
ETFs/reports/reportRetrieve  
ETFs/schwabETF/index  
Charts/interactive/popup  
ETFs/chart  
ETFs/news  
ETFs/performance  
ETFs/portfolio  
ETFs/technicals

### SPA:

Equity Ratings  
Fund Compare  
Holdings  
Reports  
ETF reportcard

### SAC:

ETF Summary > Report Card  
ETF Baseball card  
ETF Select list  
Holdings

**Certificate Of Completion**

Envelope Id: 7873933581974547A5A0DEB7DCA49FF2

Status: Completed

Subject: CW318809 - Work Order 162 between Charles Schwab and Markit on Demand

Source Envelope:

Document Pages: 3

Signatures: 2

Envelope Originator:

Certificate Pages: 2

Initials: 1

Danielle Schweikert

AutoNav: Enabled

211 Main St., 07-456

Enveloped Stamping: Enabled

San Francisco, CA 94105

Time Zone: (UTC-08:00) Pacific Time (US &amp; Canada)

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IP Address: 173.92.155.97

**Record Tracking**

Status: Original

Holder: Danielle Schweikert

Location: DocuSign

2/9/2024 6:47:59 AM

danielle.schweikert@schwab.com

**Signer Events****Signature****Timestamp**

Brian Jensen



Sent: 2/9/2024 11:12:51 AM

brian.jensen@schwab.com

Viewed: 2/9/2024 2:12:05 PM

Security Level: Email, Account Authentication  
(None)

Signed: 2/9/2024 2:12:19 PM

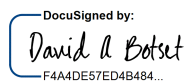
Signature Adoption: Pre-selected Style

Using IP Address: 165.225.11.43

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David A Botset



Sent: 2/9/2024 2:12:20 PM

David.Botset@schwab.com

Viewed: 2/10/2024 8:43:03 AM

Managing Director

Signed: 2/10/2024 8:43:49 AM

Security Level: Email, Account Authentication  
(None)

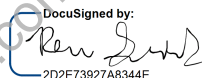
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Using IP Address: 136.226.85.84

**Electronic Record and Signature Disclosure:**

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Renee Spampinato



Sent: 2/10/2024 8:43:50 AM

Renee.Spampinato@spglobal.com

Viewed: 2/12/2024 7:58:31 AM

Head of Fincentric

Signed: 2/12/2024 9:31:13 AM

Security Level: Email, Account Authentication  
(None)

Signature Adoption: Drawn on Device

Using IP Address: 174.224.217.81

Signed using mobile

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**In Person Signer Events****Signature****Timestamp****Editor Delivery Events****Status****Timestamp****Agent Delivery Events****Status****Timestamp****Intermediary Delivery Events****Status****Timestamp****Certified Delivery Events****Status****Timestamp****Carbon Copy Events****Status****Timestamp**

Carbon Copy Events	Status	Timestamp
Sarah Miceli Sarah.miceli@spglobal.com Security Level: Email, Account Authentication (None) <b>Electronic Record and Signature Disclosure:</b> Not Offered via DocuSign	COPIED	Sent: 2/12/2024 9:31:14 AM
Contracts and Supplier Setup contractsandsupplier@schwab.com Security Level: Email, Account Authentication (None) <b>Electronic Record and Signature Disclosure:</b> Not Offered via DocuSign	COPIED	Sent: 2/12/2024 9:31:15 AM
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	2/9/2024 11:12:51 AM
Certified Delivered	Security Checked	2/12/2024 7:58:31 AM
Signing Complete	Security Checked	2/12/2024 9:31:13 AM
Completed	Security Checked	2/12/2024 9:31:15 AM
Payment Events	Status	Timestamps