

OASIS edits 10-23 to GTRI 10-16 revisions

OASIS NIEMOpen-GTRI Work Order

No.2025-1: MODEL VERSION (RELEASE) AND TOOL SUPPORT

Scope of Work under this Order:

Tracking, coordination, execution and publication of major and minor versions of the NIEM Open data model, supporting tools, and training.

List Significant Deliverables under this Order and anticipated Timeline for delivery:

1. GTRI will plan, coordinate, and execute the next annual NIEMOpen model release (6.1) in coordination with the NTAC and NBAC. GTRI will manage and update the NIEMOpen model, and generate schemas, documentation, and other supporting artifacts for the release, as directed by the PGB. (Minor version 6.1 PSD01 is the target for this Work Order, with a target release date of 3/31/2026, subject to the timing of domain inputs, level of effort, and prioritization by PGB.)
2. GTRI will collect, track, and document any NIEMOpen issues not included in version 6.1 for consideration into future releases through NBAC. (continuous)
3. GTRI will make use of NIEMOpen repositories to host and publish all 6.1 related artifacts and make available to all potential stakeholders and users of the NIEMOpen model.
4. GTRI will update NIEM API 2.0 to add functionality to perform quality assurance of change requests and the NIEMOpen model release, to automate updates to database content, to automate the generation of model release artifacts (e.g. schemas, change log, statistics report, CSV files), to integrate with the latest version of the Common Model Format (CMF) tool, and to update the NIEM Toolbox user interface to accommodate these new/improved functionalities.
5. GTRI will update NIEMOpen technical training material, including new NIEM Toolbox functionality, updates based on new message specification guidance from the NTAC, and remaining updates for NDR 6.0 changes and NIEM JSON support.

The period of performance for this work order is expected to be 12 months from date of execution (or signature).

**Contractor's estimate of the hours
(or comparable metric) of effort
required by this Order:**

Contractor Name: GTRI POP: 10/01/2023 - 9/30/2024	Position Description	Level of Effort (hours based on current funding)	Hourly Labor Rate (average including fee)	Total Cost
GTRI LCAT				
Senior Research Scientist	data modeler	352.0	\$253.07	\$89,080.00
Senior Research Scientist	data engineer	36.0	\$274.80	\$9,893.00
Senior Research Scientist	project manager	4.9	\$207.89	\$1027.00
Total				\$100,000.00

The number of hours estimated in the table above are GTRI best guesses to deliver the NIEM 6.1 release and updates to the NIEM API 2.0 tool. There are external factors that will impact the timeline such as the level of effort required to review and address QA issues in change requests and the number of comments received during draft model review.

Actual hours completed per month are to be invoiced and reported to the PGB within 12 days of the end of each calendar month. OASIS will pay within 30 days of receipt of invoice, subject to PGB officer confirmation of performance. The foregoing estimates and actual invoices will be computed on a Cost Plus Fixed Fee basis, with all such charges, fees, and costs being included in a single blended rate, consistent with the 'indirect cost recovery' terms below, and with Contractor's ability to make the periodic hourly labor rate pricing adjustments to their actual rates as notified from time to time as provided in the GTRI-OASIS master agreement ("Independent Contractor Agreement").

**Applicable blended hourly rate (or
unit rate or similar if applicable)
for this work:**

See table above

**Contractor's estimated cost of
supplies and other non-labor costs
and expenses for this work:**

\$ ____ 0 ____

Applicable Contractor's indirect cost recovery charges applicable to for such work and expenses:

Contractor's hourly rates estimated above and as invoiced to OASIS are all-in rates, including all costs and fees as calculated in CPFF accounting for the work (as noted above), as well as any other fees or costs, and any other similar charges.

Contract Cost Limitation for this Work Order:

\$100,000

APPROVED

For Contractor	For OASIS Open
Name, title Teri H. Hansen Asst to VP	Name, title Gershon JanssenPresident and Chair of the Board
Signature Signed by: Teri H. Hansen E105BB7A34314F7/...	Signature Signed by: Gershon Janssen F1C3A7AC5BB040D...
Date 7/31/2025 7:16 PM EDT	Date 7/30/2025
Signatures only valid when estimated hours and dollar amounts are completed	

Roberta Burke
Asst Secretary, GTARC

DocuSigned by:
Roberta Burke
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