

Job Order Contract (JOC) Task Order Engineering Services (TOES)

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GLWA
Great Lakes Water Authority

Agenda



FORMS &
PROCEDURES



VENDORS



PRODUCTS /
SERVICES



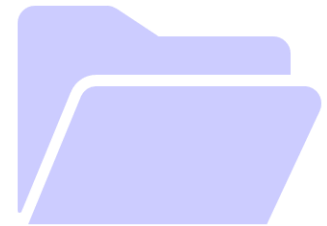
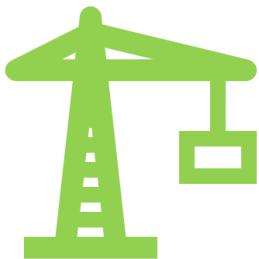
STATISTICS



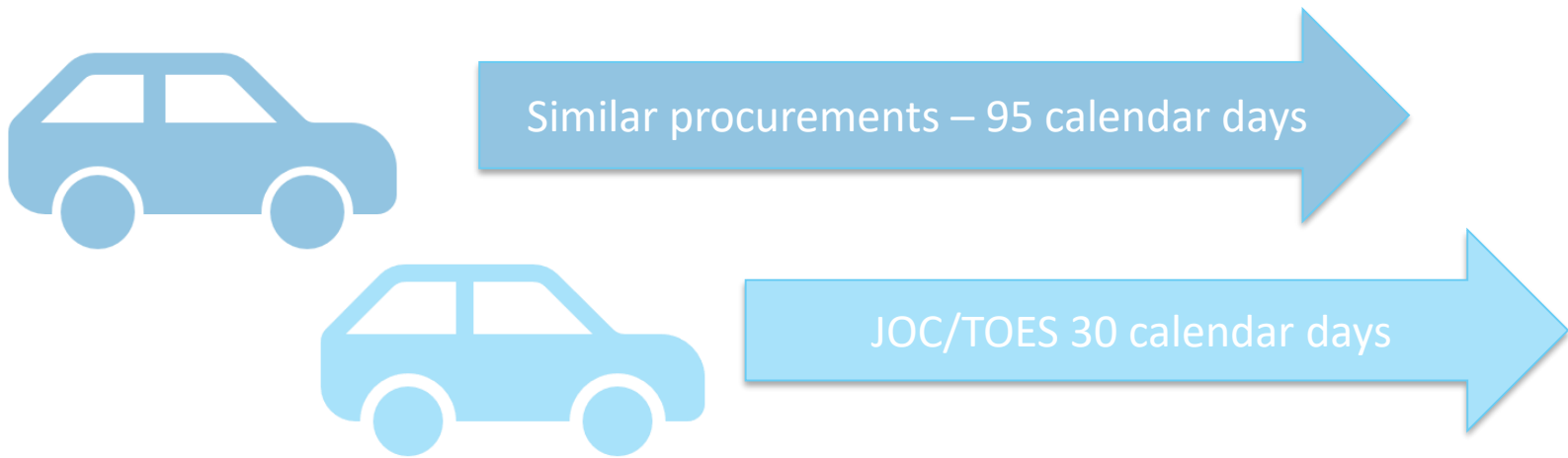
CONTRACT
ISSUES

Procurement Procedures:

- Identification of Need
- Create a requisition to
- Prepare and post advertisement
- Award the job
- Update the vendor file



JOC/TOES Timeline



Prior to the JOC/TOES contract, similar request moved through the process in an average of 95 calendar days.

With the implementation of the JOC/TOES contract the average time to award has reduced to 30 calendar days

JOC/TOES Vendor Info



Vendors



Vendors Invited to Quote:



Successful Vendors:

JOC Vendors

NTP: 7-1-2019

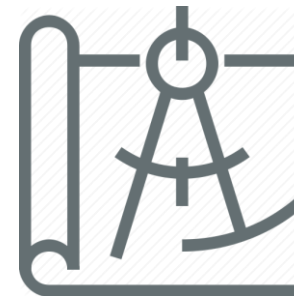
- ✓ 1. Barton Malow
- ✓ 2. Commercial Contracting Inc. ✓
- ✓ 3. De-Cal ✓
- ✓ 4. JF Cavanaugh
- ✓ 5. Lakeshore Global
- ✓ 6. Weiss Construction LLC ✓



TOES Vendors

NTP: 2-3-2020

- ✓ 1. Arcadis
- 2. Black & Veatch
- ✓ 3. Hazen
- 4. HDR, Inc.
- ✓ 5. Hubbell, Roth & Clark
- ✓ 6. Wade Trim Inc.



JOC Vendors Services

(NTP: 7/1/2019)



Services Received To Date

JOC Potential Services

- | | |
|---------------------------------|---------------------------|
| 1. Demolition ✓ | 11. Plumbing ✓ |
| 2. Earthwork | 12. Fire Protection |
| 3. Remediation | 13. Electric ✓ |
| 4. Concrete ✓ | 14. Roofing |
| 5. Masonry | 15. Glazing |
| 6. Steel Erection | 16. I&C ✓ |
| 7. Interior/Exterior Finishes ✓ | 17. Sewer CCTV / Cleaning |
| 8. Painting ✓ | 18. Paving ✓ |
| 9. Mechanical ✓ | 19. Pipeline Construction |
| 10. HVAC | |

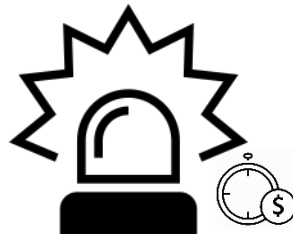
Delivery of Services



1. Lump sum ✓



2. Regular T&M



3. Emergency T&M ✓





TOES Vendors Services

(NTP: 2/3/2020)



Presently planned services:

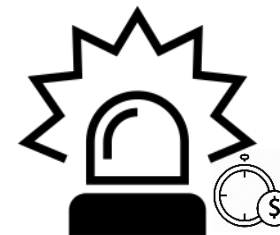
TOES Potential Disciplines:

- ✓ 1. Water/Wastewater Process
- 2. Site/Civil
- 3. Structural
- 4. Geotechnical
- 5. Electrical
- 6. I&C
- 7. HVAC/Mech.
- 8. Fire Protection
- 9. Architectural
- 10. Plumbing
- 11. Surveying Services
- ✓ 12. Asset Management

TOES Potential Tasks:

- 1. Study Phase
- 2. CAD ✓
- 3. 3-D Modelling, BIM
- 4. Hydraulic Modeling/
Evaluation ✓
- 5. Laser Scanning
- 6. Virtual Tours
- 7. Engineering Evaluations ✓
- 8. CA/CE
- 9. Design ✓
- 10. Inspections
- 11. Testing
- 12. Topographic/ATLA
- 13. Construction Staking
- 14. Easement / Land Acq.
- 15. Soil Boring / Analyses
- 16. RCM
- 17. RCD
- 18. FMEA
- 19. Root Cause Analyses /
Studies
- 20. Pavement Design
- 21. Document Scanning / File
Organization
- 22. Expert Witness

Delivery Methods:



JOC/TOES Statistics

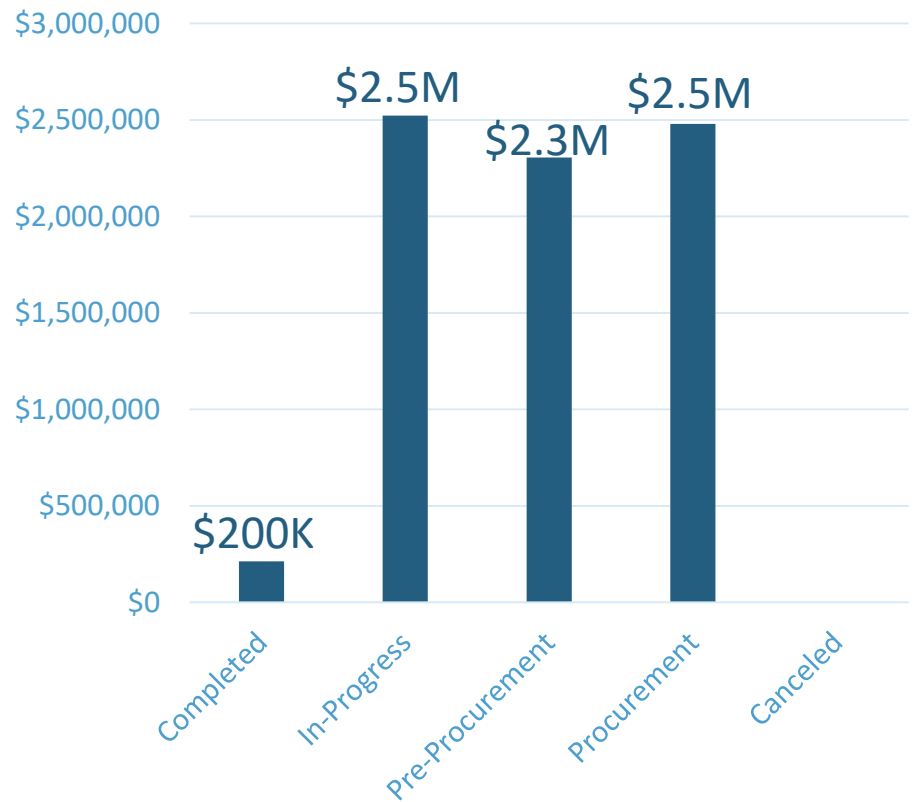
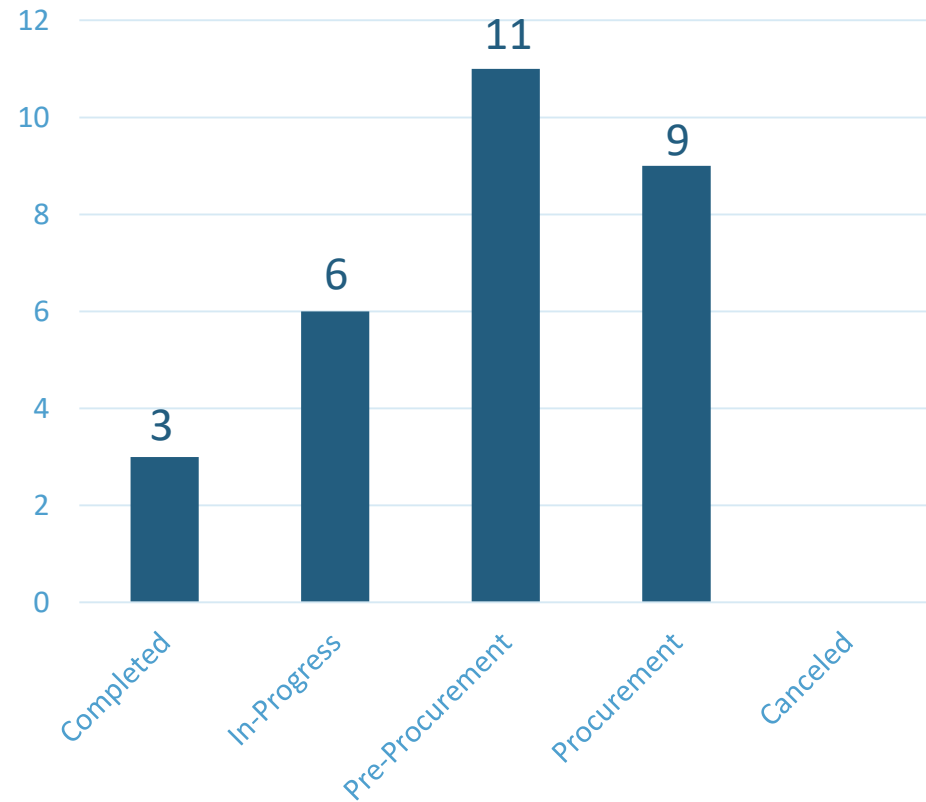
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JOC TASK Statistics

Task Count

\$ Value



■ Task Count

■ \$ Value



\$15K
LOWEST

\$264K
AVG

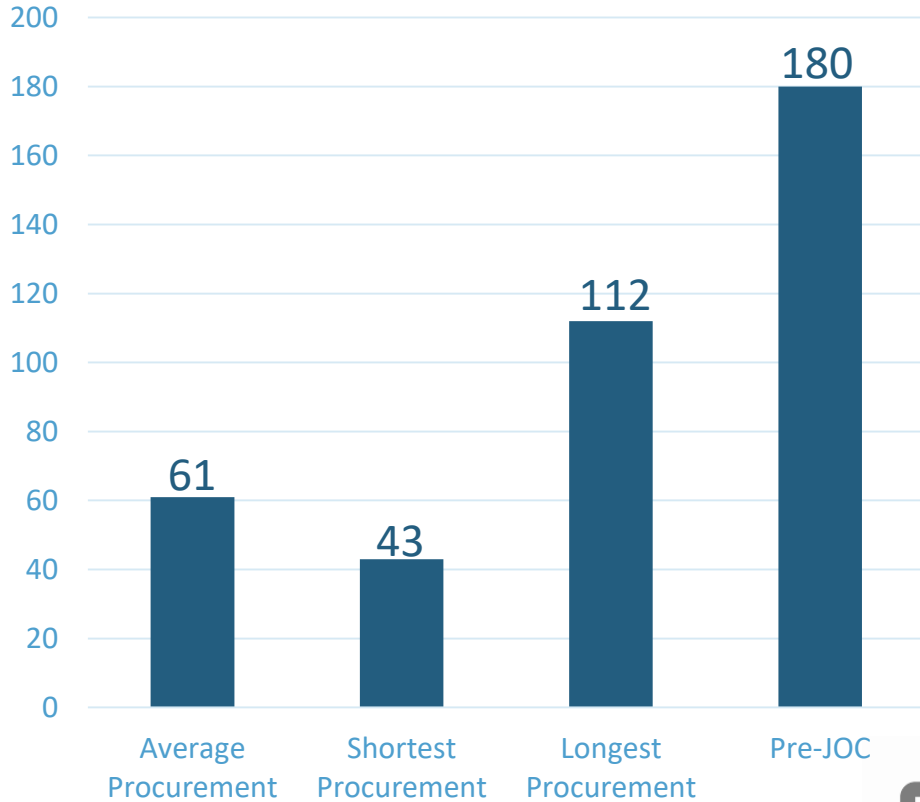
\$996K
HIGHEST



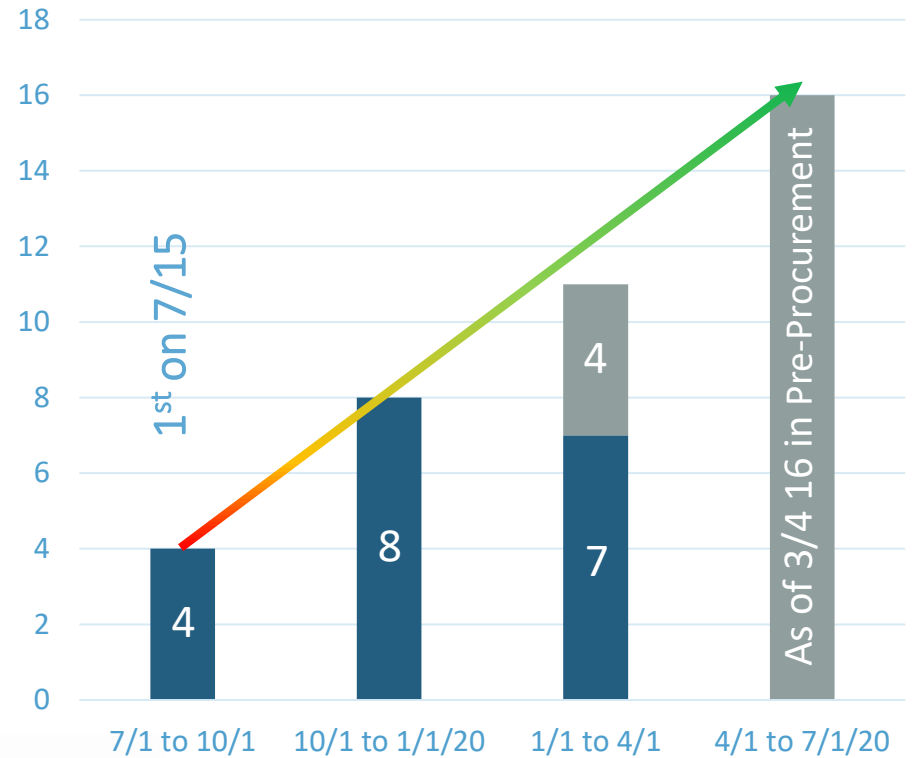
JOC TASK Statistics Continued:



Procurement Days



JOC Usage



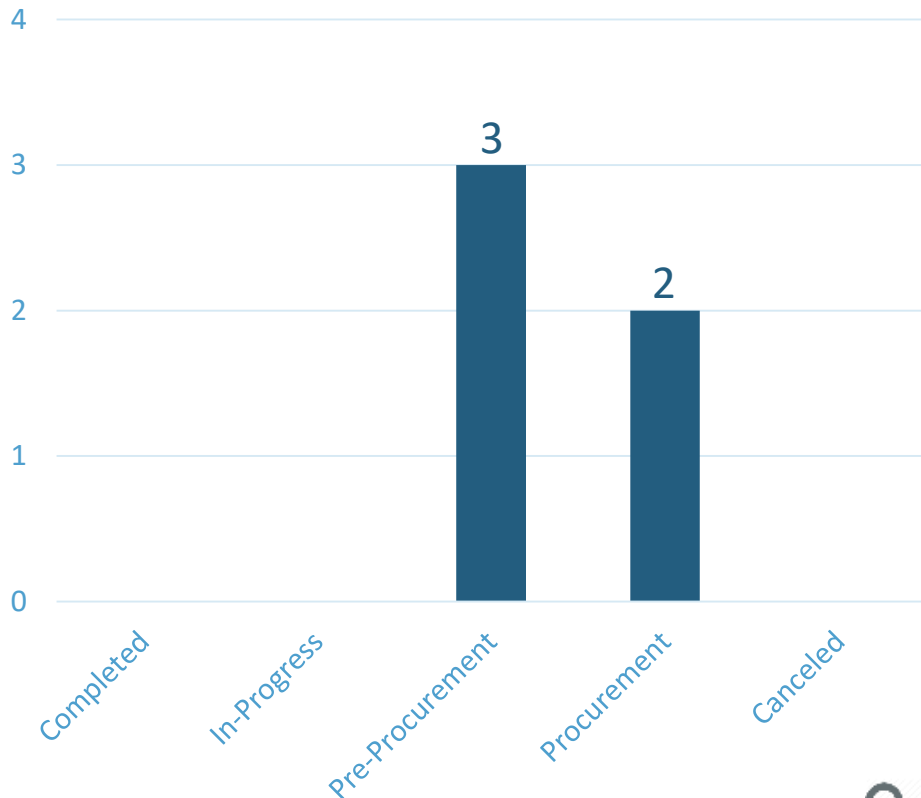
■ Procurement Days From REQ to NTP

■ Task Count ■ Estimated



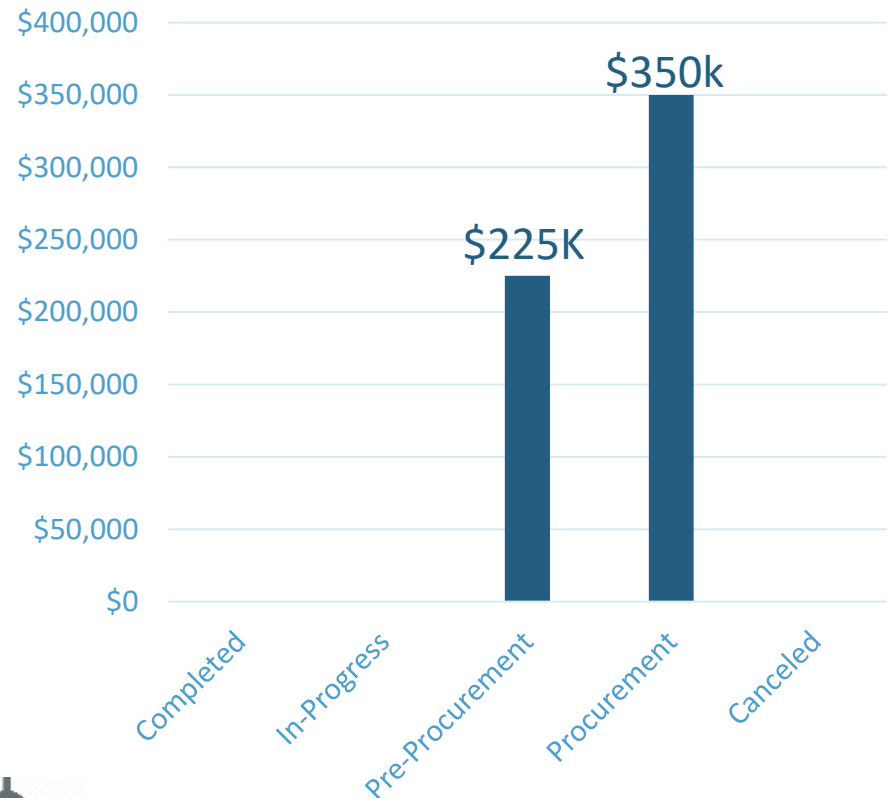
TOES TASK Statistics

Task Count



■ Task Count

\$ Value



■ \$ Value



First 10 JOC TASKs

1. Hydraulic line replacement for screens @ Leib SDF
2. Concrete patching @ Oakwood RTB
3. Zebra mussel removal from Conner Eff. Gates @ Conner Creek RTB
4. Replacement of dilute feed water valves/actuators @ Baby Creek SDF
5. Installation of chemical sump pumps/piping/I&C @ 7 CSO Facilities
6. Chlorine header replacement @ WRRF (emergency)
7. Demolition of sludge offload facilities @ WRRF
8. Ash building Staircase repair and paving replacement @ WRRF
9. LED lighting improvements @ 9 CSO Facilities
10. Employee parking structure repairs @ WRRF



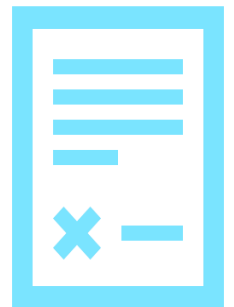
Contract Development

Laurie Koester



Contract Development / Legal Feedback

1. GLWA created 2 new boiler plate contracts, one for Task Order Engineering Services, and one for Job Order Contracting.
 - Each developed required collaboration / input from all areas of GLWA
 - Each took approximately 3-4 months to develop and achieve buy-in
2. Since execution of contracts:
 - Legal has not heard anything.
 - Reduction in number of contracts Legal Reviews.



Re-cap

Chris Nastally, PE



Recap



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STATISTICS



CONTRACT
ISSUES



Questions

