



**Procurement Form (FOR)**

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**Document Title:**  
Cost Tabulation/Notice of Respondents

**Document Owner/Department:**  
Procurement Team

**Contract No./Title:** 2102926/Aeration Decks 1 and 2 Improvements  
**Date:** 1/1/2024

#	Item	Quantity Required	Unit of Measure	Kokosing Industrial, Inc.		Walsh Group*	
				Unit Price	Total Cost	Unit Price	Total Cost
#1-1	Task A – Project Management	1	LS	\$9,400,000.00	\$9,400,000.00	No Bid	No Bid
#1-2	Task B – Studies and Conceptual Design (30%)	1	LS	\$4,600,000.00	\$4,600,000.00	No Bid	No Bid
#1-3	Task C – Preliminary Design (60%)	1	LS	\$5,415,000.00	\$5,415,000.00	No Bid	No Bid
#1-4	Task D – Pre-Final Design (90%)	1	LS	\$3,400,000.00	\$3,400,000.00	No Bid	No Bid
#1-5	Task E – Final Design (100%) and Permitting	1	LS	\$1,250,000.00	\$1,250,000.00	No Bid	No Bid
#1-6	Task E – Permit Fees	1	LS	\$145,000.00	\$145,000.00	No Bid	No Bid
#1-7	Task F – Construction Assistance/Construction Engineering (CA/CE)	1	LS	\$7,160,000.00	\$7,160,000.00	No Bid	No Bid
#1-8	Task G – System Operations and Maintenance Manuals and Training	1	LS	\$750,000.00	\$750,000.00	No Bid	No Bid
#1-9	Task H – Document Management and Turnover Requirements	1	LS	\$600,000.00	\$600,000.00	No Bid	No Bid
#2-1	Furnish and install 20 HP mixers, including motors, supports, mixer base and ancillary items and all related appurtenances (Decks 1 and 2 Bays 1-3)	12	EA	\$267,916.67	\$3,215,000.00	No Bid	No Bid
#2-2	Furnish and install 150 HP aerators, including motors, supports, mixer base and ancillary items and all related appurtenances (Decks 1 and 2 Bay 4)	4	EA	\$1,103,750.00	\$4,415,000.00	No Bid	No Bid
#2-3	Furnish and install 75 HP aerators, including motors, supports, mixer base and ancillary items and all related appurtenances (Decks 1 and 2 Bays 5-8)	16	EA	\$815,937.50	\$13,055,000.00	No Bid	No Bid
#2-4	Furnish and install 100 HP aerators, including motors, supports, mixer base and ancillary items and all related appurtenances (Decks 1 and 2 Bays 9-10)	8	EA	\$825,625.00	\$6,605,000.00	No Bid	No Bid
#2-5	Aeration Decks 1 and 2 - Dewatering, and removal and disposal, associated channels, chambers, vaults, and ILPs pump station.	3200	CY	\$770.00	\$2,464,000.00	No Bid	No Bid
#2-6	Aeration Decks 3 and 4 (Bays 8) - Dewatering, and removal and disposal of settled solids.	400	CY	\$770.00	\$308,000.00	No Bid	No Bid
#2-7	Furnish and Install Intermediate Lift Pumps No. 1 and No. 2 including vortex suppressors, motors, VFDs, and ancillary items and all related appurtenances. Include witness factory test.	2	EA	\$9,236,000.00	\$18,472,000.00	No Bid	No Bid
#2-8	Remove and replace purge blowers with new, including all associated piping, valves, instruments, supports, insulation, controls, electrical and wiring	4	EA	\$1,526,250.00	\$6,105,000.00	No Bid	No Bid



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#2-9	Provide new Bay 10 CO2 stripping blowers (at 5,280 scfm), including all associated piping, valves, instruments, supports, insulation, controls, electrical and wiring	2	EA	\$747,500.00	\$1,495,000.00	No Bid	No Bid
#2-10	Remove and replace 12" dia. oxygen piping, 316 SS welded, including all fittings and supports	650	LF	\$1,938.46	\$1,260,000.00	No Bid	No Bid
#2-11	Remove and replace 24" dia. oxygen bypass piping, 316 SS welded, including all fittings, supports, insulation, SS jacketing, heat tracing and electrical supply	250	LF	\$0.00	\$0.00	No Bid	No Bid
#3-1	Rehabilitation of Existing Aeration Basin Buildings (CMU and brickwork)	1	LS	\$159,000.00	\$159,000.00	No Bid	No Bid
#3-2	Bulkheading and other temporary measures required to maintain plant operation and to complete the Work	1	LS	\$850,000.00	\$850,000.00	No Bid	No Bid
#3-3	Demolition and disposal - Aeration Basin No. 1 and associated channels, chambers and vaults	1	LS	\$4,000,000.00	\$4,000,000.00	No Bid	No Bid
#3-4	Demolition and disposal - Aeration Basin No. 2 and associated channels, chambers and vaults	1	LS	\$4,750,000.00	\$4,750,000.00	No Bid	No Bid
#3-5	Civil Work - Aeration Basin No. 1 and related areas, and appurtenances	1	LS	\$625,000.00	\$625,000.00	No Bid	No Bid
#3-6	Civil Work - Aeration Basin No. 2 and related areas, and appurtenances	1	LS	\$1,610,000.00	\$1,610,000.00	No Bid	No Bid
#3-7	Structural Work - Aeration Basin No. 1 and related areas, and appurtenances	1	LS	\$5,510,000.00	\$5,510,000.00	No Bid	No Bid
#3-8	Structural Work - Aeration Basin No. 2 and related areas, and appurtenances	1	LS	\$8,676,000.00	\$8,676,000.00	No Bid	No Bid
#3-9	Architectural Work - Aeration Basin No. 1 and related areas, and appurtenances	1	LS	\$5,483,000.00	\$5,483,000.00	No Bid	No Bid
#3-10	Architectural Work - Aeration Basin No. 2 and related areas, and appurtenances	1	LS	\$5,210,000.00	\$5,210,000.00	No Bid	No Bid
#3-11	HVAC Work - Aeration Basin No. 1 and related areas, and appurtenances	1	LS	\$8,070,000.00	\$8,070,000.00	No Bid	No Bid
#3-12	HVAC Work - Aeration Basin No. 2 and related areas, and appurtenances	1	LS	\$2,835,000.00	\$2,835,000.00	No Bid	No Bid



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#3-13	All other civil/structural/architectural Work including without limitation work at existing VFD, Metering, ILP 1 & 2 electrical/mechanical room, Electrical Buildings No. 1, 6A, 6B and 7, and exterior work, as well as all repairs, rehabilitation, demolition and new construction not expressly included in Unit Price items # 2-1 through # 2-15 or Lump Sum items # 3-1 through #3-12.	1	LS	\$3,000,000.00	\$3,000,000.00	No Bid	No Bid
#3-14	Remove and Replace Pipe Supports with new 316 S.S. Stainless Steel Supports	1	LS	\$0.00	\$0.00	No Bid	No Bid
#3-15	Furnish and install slide gates, sluice gates, weir gates, knife gates, valves 12" or larger in size, and actuators	1	LS	\$8,685,000.00	\$8,685,000.00	No Bid	No Bid
#3-16	Furnish and install piping and valves, actuators, supports, heat trace and insulation (and electrical supply), vents, drains, baffle hoods, and all fixtures and appurtenances not included in Unit Price Items # 2-10 through #2-15 or Lump Sum Items #3-16 through #3-18	1	LS	\$1,835,000.00	\$1,835,000.00	No Bid	No Bid
#3-17	Furnish and install ILP Small Piping Modification (2" and 4" cooling water pipes)	1	LS	\$1,920,000.00	\$1,920,000.00	No Bid	No Bid
#3-18	Furnish and install Small Bore PVC/CPVC Piping Modifications (1-1/4", 2-1/2", 1", 2" Water/Drain/Air/Sample pipes)	1	LS	\$100,000.00	\$100,000.00	No Bid	No Bid
#3-19	Furnish and install fire protection, associate piping and fittings, pipe supports, heat trace, insulation, and all fixtures and appurtenances	1	LS	\$0.00	\$0.00	No Bid	No Bid
#3-20	Furnish and install all other mechanical work (emergency shower/eye wash), and appurtenances such as sump pumps, etc.	1	LS	\$1,060,000.00	\$1,060,000.00	No Bid	No Bid
#3-21	Furnish and install 13.8 kV/4.16 kV power transformers D and E with protective relays and all other appurtenances	1	LS	\$3,600,000.00	\$3,600,000.00	No Bid	No Bid
#3-22	Furnish and install motor control centers, 480V VFDs, 480V transformers, panels, instrumentation, monitoring, motor starters, contactors, circuit breakers, disconnect switches, surge suppressors, control panels, uninterruptable power supplies, and other electrical equipment, modifications and rehabilitation	1	LS	\$12,500,000.00	\$12,500,000.00	No Bid	No Bid
#3-23	Other electrical work including all raceway, fittings, supports, wiring, fiber optics, connections, boxes, lighting, switches, 120 v. receptacles, welding receptacles, heat tracing, heaters, lighting poles, bonding, grounding, lightning protection, telephone terminal board, timeclocks, batteries, fire alarms, and other items, equipment and devices.	1	LS	\$9,845,000.00	\$9,845,000.00	No Bid	No Bid



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#3-24	Furnish and install new open channel flow meters and magnetic flow meters	1	LS	\$1,760,000.00	\$1,760,000.00	No Bid	No Bid
#3-25	Furnish and install new DCS equipment, I/O, HMIs, software, programming, integration, alarms, control algorithms, historicization, graphics, reports and documentation	1	LS	\$3,325,000.00	\$3,325,000.00	No Bid	No Bid
#3-26	Furnish and install new instruments, probes, controls, indicators, instrumentation panels, automatic samplers, gas monitoring systems (including Hydrocarbon, H2S, and Oxygen), instrument piping, tubing, valves and supports, testing, calibration, documentation and all other I&C Work. Remove and replace existing sample ports. Provide additional sample ports for future use as directed by GLWA.	1	LS	\$4,850,000.00	\$4,850,000.00	No Bid	No Bid
#3-27	Construction mobilization and demobilization	1	LS	\$6,000,000.00	\$6,000,000.00	No Bid	No Bid
#3-28	Bonds, liability insurance, and builder's risk/installation floater insurance premiums	1	LS	\$2,865,000.00	\$2,865,000.00	No Bid	No Bid
#3-29	Start-up, Commissioning and Testing	1	LS	\$810,000.00	\$810,000.00	No Bid	No Bid
#3-30	Spare Parts	1	LS	\$200,000.00	\$200,000.00	No Bid	No Bid
#3-31	Final Clean-up	1	LS	\$45,000.00	\$45,000.00	No Bid	No Bid
#3-32	Non-manual labor, general conditions and all other Contract Work, obligations costs and mark-ups not included in Items # 1-1 through # 3-27 above.	1	LS	\$0.00	\$0.00	No Bid	No Bid
#4-1	Provisionary allowance for GLWA-authorized remediation of hazardous materials excluding lead paint included in Contract Work (Allowance Item - \$250,000.00)	1	Not to Exceed	\$250,000.00	\$250,000.00	No Bid	No Bid
#4-2	Provisionary allowance for Underground Yard Pipelines (4", 6", 8", 10", 12", 48", 60" DIP) (Allowance Item - \$250,000.00)	1	Not to Exceed	\$250,000.00	\$250,000.00	No Bid	No Bid
#4-3	Provisionary allowance for rerouting of electrical conduit and wiring through the existing Meter Vault (Allowance Item - \$1,000,000.00)	1	Not to Exceed	\$1,000,000.00	\$1,000,000.00	No Bid	No Bid
#4-4	Provisionary allowance for GLWA-authorized additional work required due to materially differing conditions (Allowance Item - \$2,000,000.00)	1	Not to Exceed	\$2,000,000.00	\$2,000,000.00	No Bid	No Bid
#4-5	Provisionary allowance for GLWA-authorized changes (Allowance Item - \$7,000,000.00)	1	Not to Exceed	\$7,000,000.00	\$7,000,000.00	No Bid	No Bid



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**Total**

**\$210,792,000.00**

Approved: \_\_\_\_\_