

BID2020-84 ENVIRONMENTAL REMEDIATION OF LNAPL SOIL AND GROUNDWATER AT THE FORMER FEDERATED METALS SITE LOCATED AT 300 ENTERPRISE AVENUE, TRENTON,NJ FOR THE CITY OF TRENTON, DPT OF HED BID OPENED 12/22/2020 AT 11:00AM

BID2020-84 ENVIRONMENTAL REMEDIATION OF LNAPL SOIL AND GROUNDWATER AT THE FORMER FEDERATED METALS SITE LOCATED AT 300 ENTERPRISE AVENUE, TRENTON,NJ FOR THE CITY OF TRENTON, DEPARTMENT OF HOUSING AND ECONOMIC DEVELOPMENT					
NUMBER OF RESPONDENTS:	5				
NAME OF BIDDER	PARS ENVIRONMENTAL, INC.	THE AMBIENT GROUP, LLC	ENTERPRISE NETWORK RESOLUTIONS CONTRACTING, LLC	USA ENVIRONMENTAL MANAGEMENT, INC.	AARCO ENVIRONMENTAL SERVICES CORPORATION
ADDRESS	500 HORZION DRIVE, SUITE 540	222 THIES ROAD	325 TANSOBORO ROAD	344 WEST STATE STREET	2 AMBOY AVENUE
CITY, STATE, ZIP	ROBBINSVILLE, NJ 08691	SEWELL, NJ 0880	BERLIN, NJ 08009	TRENTON, NJ 08618	WOODBIDGE, NJ 07095
CONTACT NAME	MICHAEL MOORE, PG, LSRP, SENIOR DIRECTOR	SERGIO CARADOSO	THEODORE S. BUDZYNSKI	JOHN DUGGAN	THOMAS LLOYD
TELEPHONE	609-890-7277	856-582-1765	609-567-0600	609-656-8101	908-423-9521
FAX	609-890-9116	856-582-2114	856-306-8998	609-656-8103	N/A
E-MAIL	MMORRE@MONTROS E-ENV.COM	SCARDOSO@AMBIENT GP.COM	TEDB@ENRCONTR ACTING.COM	JDUGGAN@USAEMI .COM	TLLOYD@AARCO ENVIRONMENTAL .COM
STATEMENT OF OWNERSHIP DISCLOSURE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
BID GUARANTEE	CASHIER CHECK #3714575 IN AN AMOUNT NOT TO EXCEED \$20,000.00	10% HARCO NATIONAL INSURANCE COMPANY W.P.O.A/JANET GROSS	10% UNITED STATES SURETY COMPANY W.P.O.A/JANET GROSS	10% HARCO NATIONAL INSURANCE COMPANY W.P.O.A/JANET GROSS	REQUIRED FROM AWARDED VENDOR (FATAL FLAW)
CONSENT OF SURETY	CASHIER CHECK #3714575 IN AN AMOUNT NOT TO EXCEED \$20,000.00	10% HARCO NATIONAL INSURANCE COMPANY W.P.O.A/JANET GROSS	UNITED STATES SURETY COMPANY	10% HARCO NATIONAL INSURANCE COMPANY W.P.O.A/JANET GROSS	REQUIRED FROM AWARDED VENDOR (FATAL FLAW)
PERFORMANCE BOND AND LABOR AND MATERIAL PAYMENT BOND	REQUIRED FROM AWARDED VENDOR WITH SIGNED CONTRACTS	REQUIRED FROM AWARDED VENDOR WITH SIGNED CONTRACTS	REQUIRED FROM AWARDED VENDOR WITH SIGNED CONTRACTS	REQUIRED FROM AWARDED VENDOR WITH SIGNED CONTRACTS	REQUIRED FROM AWARDED VENDOR WITH SIGNED
AFFIRMATIVE ACTION REGULATIONS QUESTIONAIRE NOTICE OF INTENT TO SUBCONTRACT	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
SUBCONTRACTORS MANDATORY EQUAL EMPLOYMENT OPPORTUNITY EXHIBIT A	YES INCLUDED	NO	NO	YES	NO
SUBCONTRACTORS MANDATORY EQUAL EMPLOYMENT OPPORTUNITY EXHIBIT B	YES SEE ATTACHED	NONE	NONE	YES SEE ATTACHED	NONE
ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
NJ BUSINESS REGISTRATION CERTIFICATE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	REQUIRED FROM AWARDED VENDOR
NON-COLLUSION AFFADAVIT	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
PREVAILING WAGE STATEMENT AMERICANS WITH DISABILITIES ACT OF 1990 LANGUAGE DISCLOSURE OF INVESTED ACTIVITIES IN IRAN	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
DEBARMENT NOTICE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
ETHIC COMPLAINT DISCLOSURE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
EQUIPMENT CERTIFICATE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
NJPW CONTRACT REGISTRATION	CERT.#676392 EXP. 06/19/2021	CERT.#688471 EXP. 04/29/2022	CERT.#650517 EXP. 05/19/2021	CERT.#606867 EXP. 11/29/2022	REQUIRED FROM AWARDED
EIC CITY OF TRENTON RESIDENT EMPLOYMENT POLICY	CERT.#28436 EXP. 06/15/2021	CERT.#58000 EXP. 09/15/2024	CERT.#40610 EXP. 09/15/2021	CERT.#28662 EXP. 07/15/2021	REQUIRED FROM AWARDED
CERTIFICATE OF INSURANCE	REQUIRED FROM AWARDED VENDOR	REQUIRED FROM AWARDED VENDOR	REQUIRED FROM AWARDED VENDOR	REQUIRED FROM AWARDED VENDOR	REQUIRED FROM AWARDED VENDOR
60-DAY EXTENSION COMPLIANCE	YES	YES	YES	YES	YES
COMPLIANCE WITH EMERGENCY SERVICES	YES	YES	YES	YES	YES
REFERENCES	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
EXCEPTIONS (IF ANY)	NONE	NONE	NONE	NONE	NONE
TOTAL AMOUNT INCLUDING OPTIONAL TASKS	\$213,948.55 SEE ATTACHED BREAKDOWN OF PRICING	\$221,480.00 SEE ATTACHED BREAKDOWN OF PRICING	\$229,577.50 SEE ATTACHED BREAKDOWN O PRICING	\$244,845.00 SEE ATTACHED BREAKDOWN OF PRICING	\$410,362.80 SEE ATTACHED BREAKDOWN OF PRICING
FATAL FLAW	NONE	NONE	NONE	NONE	FATAL FLAW

FEDERATED METALS SOIL AND GROUNDWATER REMEDIATION (LNAPL)
 REVISED COST SPREADSHEET FOR SUBMITTAL PER ADDENDUM #1

1

Bid Item No.	Description	Units	Estimated Quantity	Unit Price (\$)	Total Price (\$)
1	Pre-Remedial Activities				
	1. QAPP SAPP (EPA compliant: draft and final)	LS			\$2,740.00
	2. Health & Safety Plan (OSHA HAZWOPER)	LS			\$590.00
	3. Permits and Approvals (City)	LS			\$719.60
	4. Kickoff meeting: project and site manager	LS			\$880.00
	task subtotal				\$4,929.60
2	Excavation, stockpiling, test pits, interim groundwater remediation, construction				
	1. Mobilization Demobilization	LS			\$13,096.40
	2. Breaking, Excavation and Stockpiling: Concrete slabs	YD	40	\$48.98	\$1,959.20
	3. Excavation and Stockpiling: overburden for reuse (0.0 to 7.0 feet bgs)	YD	1420	\$4.14	\$5,878.80
	4. Excavation and Stockpiling: smear and saturated zone, petroleum-contaminated soil (~7.0 to ~12.5 feet bgs)	YD	2300	\$9.15	\$21,045.00
	5. Interim groundwater extraction (vac truck and or other equipment, and operator crew over 3 days)	Days	3	\$2,160.00	\$6,480.00
	6a. Site restoration: backfilling with overburden; grading	YD	1420	\$2.76	\$3,919.20
	6b. Site restoration: Covering backfilled area with topsoil. Grade and seed	sq. ft.	8,900	\$0.69	\$6,141.00
	task subtotal				\$58,519.60
3	Disposal				
	1. Contaminated soil	NT	2525	\$50.10	\$126,502.50
	2. Waste Classification: Contaminated soil	LS		\$5,185.10	\$5,185.10
	3. Heavy petroleum LNAPL and water	Gal	15000	\$0.43	\$6,450.00
	4. Waste from decontamination (if required)	LS		\$540.00	\$540.00
	task subtotal				\$138,677.60
4	Post-remediation sampling				
	1. Post-excavation soil sampling for EPH and laboratory analysis	EA	20	\$191.70	\$3,834.00
	2. Post-excavation soil sampling contingency for PAH and laboratory analysis	EA	5	\$179.55	\$897.75
	task subtotal				\$4,731.75
5	Reporting (Remedial Action Report)	LS			\$4,240.00
	SUBTOTAL (Tasks 1 through 5)				\$4,240.00
6	Project Management: scheduling, workscope implementation, billing (maximum 5% of subtotal of tasks 1 through 5)	LS			\$2,850.00
TOTAL BASE BID (BID ITEMS 1-6)					\$213,948.55
OPTIONAL TASKS					
Alt-1	Monitoring Well Installation and Gauging				
	1. Well Installation (one, 4-inch diameter, PVC well, installed up to 15 feet deep with stick up mount, professionally-surveyed, forms)	LS			\$5,268.40
	2. Well Gauging (10 wells; monthly for two months)	LS			\$1,056.00
	task subtotal				\$6,324.40
Alt-2	Concrete sampling and disposal				
	1. Concrete: Characterization	LS	1		\$1,031.40
	2. Concrete: Existing and recently stockpiled	NT	700	\$38.34	\$26,838.00
	task subtotal				\$27,869.40
Alt-3	Disposal of Soil as "Hazardous" for lead				
	1. Contaminated soil: Hazardous	NT	2525	\$157.08	\$396,627.00

Submitted by: PARS Environmental, Inc.

FEDERATED METALS SOIL AND GROUNDWATER REMEDIATION (LNAPL)
 REVISED COST SPREADSHEET FOR SUBMITTAL PER ADDENDUM #1

2

Bid Item No.	Description	Units	Estimated ⁽¹⁾ Quantity	Unit Price (\$)	Total Price (\$)
1	Pre-Remedial Activities				
	1. QAPP SAPP (EPA compliant: draft and final)	LS			750.00
	2. Health & Safety Plan (OSHA HAZWOPER)	LS			300.00
	3. Permits and Approvals (City)	LS			100.00
	4. Kickoff meeting: project and site manager	LS			500.00
	task subtotal				1,650.00
2	Excavation, stockpiling, test pits, interim groundwater remediation, construction				
	1. Mobilization/Demobilization	LS			12,000.00
	2. Breaking, Excavation and Stockpiling: Concrete slabs	YD	40	50.00	2,000.00
	3. Excavation and Stockpiling: overburden for reuse (0.0 to 7.0 feet bgs)	YD	1420	5.00	7,100.00
	4. Excavation and Stockpiling: smear and saturated zone, petroleum-contaminated soil (~7.0 to ~12.5 feet bgs)	YD	2300	10.00	23,000.00
	5. Interim groundwater extraction (vac truck and/or other equipment, and operator/crew over 3 days)	Days	3	2,000.00	6,000.00
	6a. Site restoration: backfilling with overburden; grading	YD	1420	4.00	5,680.00
	6b. Site restoration: Covering backfilled area with topsoil. Grade and seed	sq. ft.	8,900	1.00	8,900.00
	task subtotal				64,680.00
3	Disposal				
	1. Contaminated soil	NT	2525	50.00	126,250.00
	2. Waste Classification: Contaminated soil	LS			2,700.00
	3. Heavy petroleum LNAPL and water	Gal	15000	1.00	15,000.00
	4. Waste from decontamination (if required)	LS			500.00
	task subtotal				144,450.00
4	Post-remediation sampling				
	1. Post-excavation soil sampling for EPH and laboratory analysis	EA	20	345.00	6,900.00
	2. Post-excavation soil sampling contingency for PAH and laboratory analysis	EA	5	100.00	500.00
	task subtotal				7,400.00
5	Reporting (Remedial Action Report)	LS			2,300.00
	SUBTOTAL (Tasks 1 through 5)				220,480.00
6	Project Management: scheduling, workscope implementation, billing (maximum 5% of subtotal of tasks 1 through 5)	LS			1,000.00
	TOTAL BASE BID (BID ITEMS 1-6)				221,480.00
OPTIONAL TASKS					
Alt-1	Monitoring Well Installation and Gauging				
	1. Well Installation (one, 4-inch diameter, PVC well, installed up to 15 feet deep with stick up mount, professionally-surveyed, forms)	LS			3,700.00
	2. Well Gauging (10 wells: monthly for two months)	LS			1,000.00
	task subtotal				4,700.00
Alt-2	Concrete sampling and disposal				
	1. Concrete: Characterization	LS	1		1,500.00
	2. Concrete: Existing and recently stockpiled	NT	700		14,000.00
	task subtotal				15,500.00
Alt-3	Disposal of Soil as "Hazardous" for lead				
	1. Contaminated soil: Hazardous	NT	2525	170.00	429,250.00

TOTAL INCLUDING OPTIONAL TASKS \$ 670,930.00

FEDERATED METALS. SOIL AND GROUNDWATER REMEDIATION (LNAPL)
 REVISED COST SPREADSHEET FOR SUBMITTAL PER ADDENDUM #1

3

Bid Item No.	Description	Units	Estimated ⁽¹⁾ Quantity	Unit Price (\$)	Total Price (\$)
1	Pre-Remedial Activities				
	1. QAPP/SAPP (EPA compliant: draft and final)	LS			800.00
	2. Health & Safety Plan (OSHA HAZWOPER)	LS			650.00
	3. Permits and Approvals (City)	LS			750.00
	4. Kickoff meeting: project and site manager	LS			750.00
	task subtotal				\$ 2,950.00
2	Excavation, stockpiling, test pits, interim groundwater remediation, construction				
	1. Mobilization/Demobilization	LS			\$ 24,600.00
	2. Breaking, Excavation and Stockpiling: Concrete slabs	YD	40	50.00	\$ 2,000.00
	3. Excavation and Stockpiling: overburden for reuse (0.0 to 7.0 feet bgs)	YD	1420	6.00	\$ 8,520.00
	4. Excavation and Stockpiling: smear and saturated zone, petroleum-contaminated soil (~7.0 to ~12.5 feet bgs)	YD	2300	10.00	\$ 23,000.00
	5. Interim groundwater extraction (vac truck and/or other equipment, and operator/crew over 3 days)	Days	3	2100	\$ 6,300.00
	6a. Site restoration: backfilling with overburden; grading	YD	1420	4.50	\$ 6,390.00
	6b. Site restoration: Covering backfilled area with topsoil. Grade and seed	sq. ft.	8,900	.70	\$ 6,230.00
	task subtotal				77,040.00
3	Disposal				
	1. Contaminated soil	NT	2525	48.50	\$ 122,462.50
	2. Waste Classification: Contaminated soil	LS			\$ 2,600.00
	3. Heavy petroleum LNAPL and water	Gal	15000	.50	\$ 7,500.00
	4. Waste from decontamination (if required)	LS			\$ 875.00
	task subtotal				\$ 133,437.50
4	Post-remediation sampling				
	1. Post-excavation soil sampling for EPH and laboratory analysis	EA	20	400.00	\$ 8,000.00
	2. Post-excavation soil sampling contingency for PAH and laboratory analysis	EA	5	150.00	\$ 750.00
	task subtotal				\$ 8,750.00
5	Reporting (Remedial Action Report)	LS			\$ 3,800.00
	SUBTOTAL (Tasks 1 through 5)				\$ 225,977.50
6	Project Management: scheduling, workscope implementation, billing (maximum 5% of subtotal of tasks 1 through 5)	LS			\$ 3,600.00
	TOTAL BASE BID (BID ITEMS 1-6)				\$ 229,577.50

OPTIONAL TASKS

Alt-1	Monitoring Well Installation and Gauging				
	1. Well Installation (one, 4-inch diameter, PVC well, installed up to 15 feet deep with stick up mount, professionally-surveyed, forms)	LS			\$ 4,000.00
	2. Well Gauging (10 wells; monthly for two months)	LS			\$ 2,000.00
	task subtotal				\$ 6,000.00
Alt-2	Concrete sampling and disposal				
	1. Concrete: Characterization	LS	1		\$ 1,800.00
	2. Concrete: Existing and recently stockpiled	NT	700	30.00	\$ 21,000.00
	task subtotal				\$ 22,800.00
Alt-3	Disposal of Soil as "Hazardous" for lead				
	1. Contaminated soil: Hazardous	NT	2525	182.00	\$ 459,550.00

FEDERATED METALS, SOIL AND GROUNDWATER REMEDIATION (LNAPL)
 REVISED COST SPREADSHEET FOR SUBMITTAL PER ADDENDUM #1

4

Bid Item No.	Description	Units	Estimated ⁽¹⁾ Quantity	Unit Price (\$)	Total Price (\$)
1	Pre-Remedial Activities				
	1. QAPP SAPP (EPA compliant: draft and final)	LS			1,000
	2. Health & Safety Plan (OSHA HAZWOPER)	LS			500
	3. Permits and Approvals (City)	LS			200
	4. Kickoff meeting: project and site manager	LS			800
	task subtotal				2,500
2	Excavation, stockpiling, test pits, interim groundwater remediation, construction				
	1. Mobilization Demobilization	LS			19,000
	2. Breaking, Excavation and Stockpiling: Concrete slabs	YD	40	100	4,000
	3. Excavation and Stockpiling: overburden for reuse (0.0 to 7.0 feet bgs)	YD	1420	8	11,360
	4. Excavation and Stockpiling: smear and saturated zone, petroleum-contaminated soil (~7.0 to ~12.5 feet bgs)	YD	2300	10	23,000
	5. Interim groundwater extraction (vac truck and/or other equipment, and operator crew over 3 days)	Days	3	4,500	13,500
	6a. Site restoration: backfilling with overburden; grading	YD	1420	3	4,260
	6b. Site restoration: Covering backfilled area with topsoil. Grade and seed	sq. ft.	8,900	1	8,900
	task subtotal				84,020
3	Disposal				
	1. Contaminated soil	NT	2525	47	118,675
	2. Waste Classification: Contaminated soil	LS			4,200
	3. Heavy petroleum LNAPL and water	Gal	15000	1.5	22,500
	4. Waste from decontamination (if required)	LS			1,000
	task subtotal				146,375
4	Post-remediation sampling				
	1. Post-excavation soil sampling for EPH and laboratory analysis	EA	20	150	3,000
	2. Post-excavation soil sampling contingency for PAH and laboratory analysis	EA	5	150	750
	task subtotal				3,750
5	Reporting (Remedial Action Report)	LS			5,200
	SUBTOTAL (Tasks 1 through 5)				237,845
6	Project Management: scheduling, workscope implementation, billing (maximum 5% of subtotal of tasks 1 through 5)	LS			3,000
TOTAL BASE BID (BID ITEMS 1-6)					244,845
OPTIONAL TASKS					
Alt-1	Monitoring Well Installation and Gauging				
	1. Well Installation (one, 4-inch diameter, PVC well, installed up to 15 feet deep with stick up mount, professionally-surveyed, forms)	LS			4,500
	2. Well Gauging (10 wells; monthly for two months)	LS			1,300
	task subtotal				5,800
Alt-2	Concrete sampling and disposal				
	1. Concrete: Characterization	LS	1		3,500
	2. Concrete: Existing and recently stockpiled	NT	700	62	43,400
	task subtotal				48,900
Alt-3	Disposal of Soil as "Hazardous" for lead				
	1. Contaminated soil: Hazardous	NT	2525	198	499,950

FEDERATED METALS SOIL AND GROUNDWATER REMEDIATION (LHA-1)
 REVISED COST SPREADSHEET FOR SUBMITTAL PER ADDENDUM #1

Bid Item No.	Description	Units	Estimated Quantity	Unit Price (\$)	Total Price (\$)
1	Pre-Remedial Activities				
	1. OADR SAPP (EPA compliant; draft and final)	LS			\$1,250.00
	2. Health & Safety Plan (OSHA HAZWOPER)	LS			\$875.00
	3. Permits and Approvals (City)	LS			\$0.00
	4. Kickoff meeting; project and site manager	LS			\$1,750.00
	task subtotal				\$3,875.00
2	Excavation, stockpiling, test pits, interim groundwater remediation, construction				
	1. Mobilization/Demobilization	LS			\$15,000.00
	2. Breaking, Excavation and Stockpiling: Concrete slabs	YD	40	\$248.62	\$9,944.80
	3. Excavation and Stockpiling: overburden (for reuse (0.0 to 7.0 feet bgs))	YD	1420	\$14.50	\$20,590.00
	4. Excavation and Stockpiling: smear and saturated zone, petroleum-contaminated soil (-7.0 to -12.5 feet bgs)	YD	2300	\$14.50	\$33,350.00
	5. Interim groundwater extraction (vac truck and/or other equipment, and operator crew over 3 days)	Days	3	\$3850.00	\$11,550.00
	6a. Site restoration: backfilling with overburden; grading	YD	1420	\$9.00	\$12,780.00
	6b. Site restoration: Covering backfilled area with topsoil. Grade and seed	sq. ft.	8,900	\$1.32	\$11,748.00
	task subtotal				\$114,962.8
3	Disposal				
	1. Contaminated soil	NT	2525	\$89.00	\$224,725.00
	2. Waste Classification: Contaminated soil	LS			\$3,450.00
	3. Heavy petroleum (NAPL) and water	Gal	15000	\$1.69	\$25,350.00
	4. Waste from decontamination (if required)	LS			\$2,500.00
	task subtotal				\$256,025.00
4	Post-remediation sampling				
	1. Post-excavation soil sampling for TPH and laboratory analysis	EA	20	\$650.00	\$13,000.00
	2. Post-excavation soil sampling contingency for PAH and laboratory analysis	EA	5	\$750.00	\$3,750.00
	task subtotal				\$16,750.00
5	Reporting (Remedial Action Report)	LS			\$3,750.00
	SUBTOTAL (Tasks 1 through 5)				\$395,362.80
6	Project Management: scheduling, workscope implementation, billing (maximum 5% of subtotal of tasks 1 through 5)	LS			\$15,000.00
	TOTAL BASE BID (BID ITEMS 1-6)				\$410,362.80
OPTIONAL TASKS					
Alt-1	Monitoring Well Installation and Gauging				
	1. Well Installation (one, 4-inch diameter, PVC well, installed up to 15 feet deep with stick up mount, professionally-surveyed, forus)	LS			\$250.00
	2. Well Gauging (10 wells; monthly for two months)	LS			\$4,500.00
	task subtotal				\$4,750.00
Alt-2	Concrete sampling and disposal				
	1. Concrete: Characterization	LS	1		\$1,450.00
	2. Concrete: Existing and recently stockpiled	NT	700	\$175.00	\$122,500.00
	task subtotal				\$123,950.00
Alt-3	Disposal of Soil as "Hazardous" for lead				
	1. Contaminated soil: Hazardous	NT	2525	\$300.00	\$757,500.00