



Logistics Civil Augmentation Program (LOGCAP)
CONTINGENCY SUPPORT PLAN

ANNEX R (ROUGH ORDER OF MAGNITUDE) to LOGCAP CONTINGENCY SUPPORT PLAN

REFERENCES. See ANNEX N, Appendix 4.

TIME ZONE USED THROUGHOUT THE PLAN. Iraq

TASK ORGANIZATION. See ANNEX A.

1. SITUATION. See Base PLAN.
2. MISSION. See Base PLAN.
3. EXECUTION. See Appendices.
4. SERVICE SUPPORT. See ANNEX I.
5. COMMAND AND SIGNAL.
 - a. Command. See Base Plan and ANNEX A
 - b. Signal. See Base Plan and ANNEX H

ACKNOWLEDGE:

(b)(6)

BRS PGM, LOGCAP

OFFICIAL:

(b)(6) BRS D/PGM

- Appendix 1 – ROM Methodology
- Appendix 2 – ROM Estimate Basis & Assumptions
- Appendix 3 – ROM Basis and Cost Summary By Oilfield
 - Tab A – ROMs for Prepositioned Items
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Declassified by OUSD Policy on 8 May 08

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Logistics Civil Augmentation Program (LOGCAP)
CONTINGENCY SUPPORT PLAN

**APPENDIX 1 (ROUGH ORDER OF MAGNITUDE METHODOLOGY) TO ANNEX R
(ROUGH ORDER OF MAGNITUDE) to LOGCAP CONTINGENCY SUPPORT PLAN**

REFERENCES. See ANNEX N, Appendix 4.

TIME ZONE USED THROUGHOUT THE PLAN. Iraq.

TASK ORGANIZATION. See ANNEX A.

1. **SITUATION.** See Base PLAN and ANNEX R.
2. **MISSION.** See Base PLAN.
3. **EXECUTION.** This Appendix explains the methodologies and basis which were utilized for developing a Rough Order of Magnitude (ROM) estimate for LOGCAP III Task Order #31.
 - a. **Camp construction and operation / maintenance:**
 - 1) Camp construction and operating / maintenance cost include all costs associated with the construction and operation of all camps required for the Construction Management (CMT) and Project Management (PMT) teams. It does not include costs for the camps required for craft labor. Craft labor camp costs are included in the subcontract construction costs within each section or work.
 - 2) Camp construction costs are based on the total peak head count and an average construction cost per person based on historical data. Camp operating and maintenance costs are based on an estimated number of man-days and an average cost per man-day based on historical data.
 - b. **Management & Administration:**
 - 1) Requirements for the Project Management Team (PMT) and the Construction Management Team (CMT) for the entire project were defined by the proposal project managers and construction managers respectively. These requirements specified number of man-months for personnel by sourcing (expatriate, Host Country or Third Country Nationals).
 - 2) (b)(4)
 - 3) Third Country National (TCN) employees were priced using actual rates from recent projects in the region.
 - 4) Costs for expatriate and other first-world country personnel have been included in the Management and Administrative costs. The remainder of the PMT and CMT personnel costs have been allocated over the other sections of the estimate.

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- 5) Other PMT and CMT costs such as vehicles, equipment, office supplies, etc. were detailed by construction. Some items, such as vehicles and equipment, were provided by procurement with the balance priced using historical data.
- c. **DBA and CIGNA Insurance:** This section includes costs for Defense Base Act (DBA) and CIGNA insurance. These costs were estimated based on LOGCAP standards.
- 1) DBA insurance is estimated as 3.75% of the gross labor payroll. CIGNA insurance is estimated on cost per man-month basis.
- d. **Freight:** (b)(4)
This percentage is the LOGCAP standard and covers domestic, ocean, air, and inland freight. Some freight services may be provided by the U.S. Government however the extent is not completely defined. A verification of the freight costs developed by this percentage was performed based upon a rough estimate of freight tons and an estimated cost per ton.
- e. (b)(4)
- f. **Assessment:** Advance Team and Assessment Team costs include all costs associated with the initial team of personnel deployed to assess the damage to the facilities and the work required to restore production. These costs included personnel, vehicles, tools, supplies, housing / living, etc.
- 1) Personnel requirements were defined by each responsible group (engineering, construction, plant services, and procurement). Estimating developed personnel costs based on base wage rates of senior type personnel above the normal average rates (b)(4)
(b)(4) Fringe and benefit costs were included based on the LOGCAP standard. Overhead and G & A costs are not included here but are included as mark-ups to the estimate bottom line.
- 2) Assessment team requirements for vehicles, tools, supplies, etc were defined and costs developed based on historical data.
- g. **Design & Engineering:** This section covers costs for all the design engineering performed in BRS' Houston office. Project Management, project controls, procurement, construction support, and other support groups costs are not included here but are in the Management and Administrative section of the estimate.
- 1) Estimated engineering staffing requirements were developed by project engineering. Estimating applied HOC's average rates to the estimated engineering requirements. Fringe and benefit costs were included based on the LOGCAP standard. Overhead and G & A costs are not included here but are included as mark-ups to the estimate bottom line.



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- 2) Other home office services costs were also included. These costs include communications, reproduction, computers, floor space, travel, etc. based on an average cost per man-hour. Field engineering costs are not included here but are included in the CMT costs.
- h. Firefighting & Capping:** This section covers the cost to extinguish wellhead fires in both the northern and southern oil fields of Iraq.
- 1) All costs for personnel, equipment (except heavy equipment), supplies, etc. are based on a quotation obtained from Boots and Coots. Requirements for heavy equipment were defined by Boots and Coots but costs were excluded from their quotation. Prices for this heavy equipment were obtained by procurement and included in the estimate.
- i. Power Generation:** Power generation and distribution outside the plant facility is by others.
- j. Wellheads:** This section covers the cost to repair wellheads in both the northern and southern oil fields of Iraq.
- 1) Equipment and material requirements were defined by engineering. Pricing for all equipment and material were provided by procurement.
 - 2) Labor requirements were defined by construction and priced by estimating using historical data.
 - 3) CMT costs were included on an allocated basis based on the overall CMT costs developed for the entire project.
- k. Flowlines & Pipelines:** Costs for the repair of flow lines and pipelines are included in this section. The flow line repair estimate is based on replacing an average of 300 linear feet of 8" piping per damaged well. This equates to 180,000 linear feet of pipe.
- 1) The pipeline repair estimate is based on replacing 1 percent of the pipelines in the northern and southern oil fields. This equates to approximately 99,000 linear feet of pipe. These basis were developed in conjunction with the pipeline engineer.
 - 2) Material pricing is based on recent pricing. An allowance was included for fittings. Man-hours were estimated based on the piping lengths and a "fully-loaded" subcontract rate applied against the man-hours to determine total subcontract construction costs.
 - 3) CMT costs were included on an allocated basis based on the overall CMT costs developed for the entire project.
- l. Gas Oil Separation Plants (GOSPs):** The ROM includes the cost for new GOSPs, where required, based upon process engineering's determination.
- 1) Process engineering developed sized equipment lists for the GOSPs in the North and South. Three typical generic designs will be utilized for the GOSPs. Procurement provided pricing for all of the equipment based on phone quotes and in-house data. Estimating factored costs for bulk materials based on historical data / ratios. Estimating factored U.S. Gulf Coast (USGC) construction man-hours from the equipment costs based upon historical data / ratios. A site specific productivity was applied to the USGC man-hours to determine actual man-



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hours. This productivity was based on recent experience in the region adjusted for the specific difficulties of this project. An "All-in" subcontract rate was applied against the site man-hours to arrive at construction costs. This "All-in" rate was based on recent experience in the region.

- 2) Other costs which were included are capital spares, commissioning spares, operating spares, and commissioning / startup activities. Design engineering costs are not included here but are included in the design engineering section of the estimate.
- 3) CMT costs were included on an allocated basis based on the overall CMT costs developed for the entire project.

m. Pumping Stations: The ROM includes the cost for various scenarios defined in the ROM Basis four completely new pumping stations based upon process engineering's determination.

- 1) Process engineering developed sized equipment lists for the pumping stations. A typical generic design will be utilized where appropriate. Procurement provided pricing for all of the equipment based on phone quotes and in-house data. Estimating factored costs for bulk materials based on historical data / ratios. Estimating factored U.S. Gulf Coast (USGC) construction man-hours from the equipment costs based upon historical data / ratios. A site specific productivity was applied to the USGC man-hours to determine actual man-hours. This productivity was based on recent experience in the region adjusted for the specific difficulties of this project. A "fully loaded" subcontract rate was applied against the site man-hours to arrive at construction costs. This "fully loaded" rate was based on recent experience in the region.
- 2) Other costs which were included are capital spares, commissioning spares, operating spares, and commissioning / startup activities. Design engineering costs are not included here but are included in the design engineering section of the estimate.
- 3) CMT costs were included on an allocated basis based on the overall CMT costs developed for the entire project.

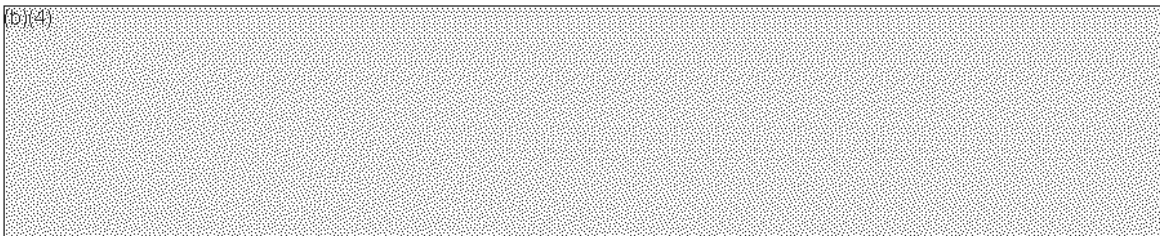
n. Stabilization Plants: The ROM includes the cost for various scenarios defined in the ROM Basis based upon process engineering's determination.

- 1) Process engineering developed sized equipment lists for the pumping stations. A typical generic design will be utilized where appropriate. Procurement provided pricing for all of the equipment based on phone quotes and in-house data. Estimating factored costs for bulk materials based on historical data / ratios. Estimating factored U.S. Gulf Coast (USGC) construction man-hours from the equipment costs based upon historical data / ratios. A site specific productivity was applied to the USGC man-hours to determine actual man-hours. This productivity was based on recent experience in the region adjusted for the specific difficulties of this project. An "All-in" subcontract rate was applied against the site man-hours to arrive at construction costs. This "All-in" rate was based on recent experience in the region.
- 2) Other costs which were included are capital spares, commissioning spares, operating spares, and commissioning / startup activities. Design engineering costs are not included here but are included in the design engineering section of the estimate.



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- 3) CMT costs were included on an allocated basis based on the overall CMT costs developed for the entire project.
- o. **Intermediate Storage:** This section covers repair costs for facilities in the area of the intermediate storage tanks. Estimate includes the cost for four new 1 million barrel storage tanks. Engineering developed a list new equipment which is anticipated to be required in this area. Procurement provided pricing for all the new equipment. All other costs for bulks and construction were factored from the equipment costs.
 - 1) CMT costs were included on an allocated basis based on the overall CMT costs developed for the entire project
- p. **Export Terminal:** This section covers the cost to inspect and repair the export terminal in southern Iraq in the Persian Gulf
 - 1) Quotations were obtained for the inspection and potential repairs based on existing data concerning the status of this export terminal. This subcontract cost has been included in the estimate.
 - 2) CMT costs were included on an allocated basis based on the overall CMT costs developed for the entire project.
- q. **Operations & Maintenance:** Plant services defined the key operating personnel and support requirements for 90 days of operation after completion of each facility for both the oil fields in the North and the South.

1) ^{(b)(4)} 

- 2) TCNs were priced using actual rates from recent projects in the region.
- 3) Support requirements were priced using historical data.
- 4) HCN workers will be rehired as appropriate. These costs are included.
- r. **Environment:** This section includes costs for environmental assessment and remediation teams in Iraq.
 - 1) Environmental engineering defined all the personnel, material, and support requirements for these teams.
 - 2) Gulf spill (maximum 1.2 MM BPD) is considered in the ROM.

3) ^{(b)(4)} 



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(b)(4)

- 4) TCNs were priced using actual rates from recent projects in the region.
- 5) Material and support requirements were priced using historical data.

s. (b)(4)

(b)(4)



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APPENDIX 2 (ROM ESTIMATE BASIS & ASSUMPTIONS) TO ANNEX R (ROUGH ORDER OF MAGNITUDE) to LOGCAP CONTINGENCY SUPPORT PLAN

REFERENCES. See ANNEX N, Appendix 4.

TIME ZONE USED THROUGHOUT THE PLAN. Iraq.

TASK ORGANIZATION. See ANNEX A.

1. SITUATION. See Base PLAN and ANNEX R.

a. Assumptions:

- 1) All areas have been cleared of the following and excludes cost of removal.
 - a) Landmines or unexploded ordnance.
 - b) War materials and disabled vehicles.
 - c) Chemical or biological hazards.
- 2) Excludes cost of armed guard security at each oilfield.
- 3) All destroyed or damaged plants or facilities which are not planned for repair will be abandoned in place.
- 4) BRS will be exempt from all local taxes, duties, tariffs, etc.
- 5) Excludes the cost of the following:
 - a) Debris removal except in the immediate vicinity of the plant or facility.
 - b) Air travel of personnel assigned on the Assessment Teams.
- 6) Operating Spares are included in the ROM.
- 7) O & M estimate in ROM includes plant operating staff to operate new facilities except for refineries and gas plants for 90 days only.
- 8) System enhancements are excluded.
- 9) Camp costs include mobilization, set up, two years' camp operation and demobilization.
- 10) No contingency is included for further additional discovery then identified in the basis.
- 11) Fifty percent of the wellheads identified in the worst case are damaged by fire above ground and the remaining 50 percent are damaged below ground. For the North area, also consider deep cavern blowout and may last two years of operation.
- 12) For most likely case, 50 percent of wells are damaged by fire above ground and there are no deep cavern blow outs.

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2. **MISSION.** See Base PLAN.

3. **EXECUTION.** The estimate is based on scope defined in ROM basis and assumptions identified on the attachments at end of this section. The ROM of various accounts on worst case is based on the following:

a. Expatriate Camp Construction and Operations and Maintenance:

- 1) (b)(4)
- 2)
- 3) Duration: 943 days.

b. Management and Administration:

- 1) Cost includes PMT in Home office and at site, and Construction Management of all work in Iraq for all work including refineries and gas plants.
- 2) (b)(4)
- 3)
- 4) Assessment Teams:
 - a) Number of personnel (b)(4) (includes engineering, construction, plant services, procurement and interpreters as required for wellheads, oilfield infrastructures, refineries, gas plants, pumping stations etc.).
 - b) Includes teams for all items defined in scope of work.
- 5) Design and Engineering: This covers only engineering and design personnel for the following activities:
 - a) Wellhead and Flowlines
 - b) GOSP
 - c) Storage and Export terminals
 - d) Gas Plant
 - e) Pumping Stations
 - f) Water Injection to plants
 - g) Stabilization Plants
 - h) Refineries
 - i) O & M staff in the Home Office
- 6) Iraq Energy Infrastructure work at 22 Oilfields. The ROM amount includes the following for each oilfield:
 - a) Oil well firefighting
 - b) Wellheads



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- c) Re-drilling and work over for deep wells blowouts
 - d) Flow Lines
 - e) GOSPs replacement based on same capacity of existing GOSPs capacity
- 7) Power Generation: The ROM does not include power generation facilities.
- 8) Gas Plants and Piping: The ROM included the LPG facilities, sulfur plants, gas handling facilities as identified in the scope documents. The ROM also includes repair of damaged gas lines.
- 9) Oil Pipelines: It is assumed that (b)(4) required replacement in both North & South.
- 10) Water Injection Plants: The ROM includes replacing water intake plant, water treatment plant, water transfer pumps, water injection pumps and repairing water injection pipelines at both Kirkuk and Rumaylah Water Injection Plants.
- 11) Pumping Stations: ROM is based on the assumption that four pumping stations are required
- 12) Stabilization Plants: ROM is based on the assumption that two stabilization plants are required in northern Iraq.
- 13) Refineries: The ROM is based on the assumption of replacing all three refineries. The details are shown below:
- a) Bayji Refinery: Capacity 300,000 BPSD. The following units will be replaced:
 - Crude Distillation Unit (3 units)
 - Vacuum Distillation
 - Naphtha Hydrotreater
 - CCR regeneration(3 Units)
 - Diesel Hydrotreater
 - Resid Hydrocracker
 - Amine Treating
 - Utilities and Offsites
 - b) Dwarah Refinery: Capacity: 100,000 BPSD. The following units will be replaced:
 - Crude distillation
 - Naphtha Hydrotreater
 - Reformer
 - Amine Treating
 - Utilities and Offsites
 - c) Basrah Refinery: Capacity: 170,000 BPSD. The following units will be replaces:
 - Crude Distillation (2 units)
 - Vacuum Distillation
 - Naphtha Hydrotreater
 - HVG0 Hydrotreater



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- Reformer
- Utilities and Offsites

- 14) Intermediate Storage Terminal: The ROM is based on provided four 1 MM BBL capacity storage tanks and associated items.
- 15) Export Terminal: The ROM is based on SPM option at Mina al Bakr terminal and replacing metering skid at Al Faw terminal.
- 16) Operating and Maintenance: The ROM is based on providing operating personnel at sites identified above except for refineries and gas plants for a period of 90 days. This does not include Marketing & Sales functions or personnel.
- 17) Environmental: The ROM includes Soils Remediation, remediation of a major gulf oil spill of 1.2 MM BBL and field testing to ensure sites are free of environmental hazards.
- 18) General: All work will be performed by using Subcontract labor
 - a) TCNs and HCNs labor.
 - b) The work week will 12 hours per day, seven days per week.
 - c) Subcontract all in rate used in ROM is US (b)(4) (fully loaded rate) for straight time work hours.
 - d) Schedule is based on 31 months for oil production and does not include costs for refineries and gas plants. This may affect the Camp Operating cost.

4. SERVICE SUPPORT. See ANNEX I.

5. COMMAND AND SIGNAL. See Base Plan, ANNEX A, and ANNEX H.

ACKNOWLEDGE:

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ROM BASIS

Oilfields Name	Current Production Capacity/ 1,000BPD	Estimated Production Capacity/ 1,000 BPD	No of Wellheads	No of water Inj Wells	No of GOSPS w/Description	GOSP Capacity/ 1,000BPD	Remarks for various cases	Best Case ROM in MM\$	Most Probable Case ROM in MM\$	Worst Case ROM in MM\$	Cost/BBL basis/Most Probable case/\$1,000	Rated Cost/ BBL basis	Ranking by Cost Benefit Ratio
A: Northern Oilfields:													
N-1/Karkuk	500	700	94	11	Baba GOSP Shurau GOSP Hanjira GOSP Quton GOSP Saratu GOSP Sarbeshekah GOSP Jabalur GOSP	131 99 89 58 131 131 81	Best Case: Refurbish to estimated capacity Most Probable: Damaged 50% of wellheads Damaged 3 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						
N-2/Bay Hassan	80	80	58	1	North GOSP South GOSP	40 40	Best Case: No damage Most Probable: Damaged 50% of wellheads Damaged 2 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						
N-3/Saddam	40	40	72	0	Saddam GOSP	40	Best Case: No damage Most Probable: Damaged 50% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
N-4/Khabaz	20	40	29	0	Khabaz GOSP	40	Best Case: Refurbish to estimated capacity Most Probable: Damaged 50% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
N-5/Jambur	10	20	27	3	South GOSP North GOSP	15 5	Best Case: Refurbish to estimated capacity Most Probable: Damaged 50% of wellheads Damaged 2 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						
N-6/Qayyarah Group	10	20	87	0	Qayyarah GOSP Najmah GOSP Jawan GOSP Qasab GOSP	5 5 5 5	Best Case: Refurbish to estimated capacity Most Probable: Damaged 50% of wellheads Damaged 2 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						
N-7/Ayn Zalah	10	15	15	0	Zalah GOSP Butmah GOSP	8 7	Best Case: Refurbish to estimated capacity Most Probable: Damaged 50% of wellheads Damaged 2 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						

ROM BASIS

Oilfields Name	Current Production Capacity/ 1,000BPD	Estimated Production Capacity/ 1,000 BPD	No of Wellheads	No of water Inj Wells	No of GOSPS w/Description	GOSP Capacity/ 1,000BPD	Remarks for various cases	Best Case ROM in MM\$	Most Probable Case ROM in MM\$	Worst Case ROM in MM\$	Cost/BBL basis/Most Probable case/\$1,000	Rated Cost/ BBL basis	Ranking by Cost Benefit Ratio
N-8/Sufayah	7	15	28	0	Sufayah GOSP	15	Best Case: Refurbish to estimated capacity Most Probable: Damaged 50% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
Total Northern Oilfields:	677	930	408	15									
B: Southern Oilfields:													
S-9/Rumaylah North	500	700	218	5	NR Central GOSP NR GOSP 2 NR Janubia GOSP NR GOSP 4 NR GOSP 5 North Shamiya GOSP	117 112 See below 201 204 66	Best Case: Refurbish to estimated capacity Most Probable: Damaged 20% of wellheads Damaged 2 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						
S-10/Rumaylah South	400	700	218	5	Qurainat 1Q Shamiya 2S GOSP 3R Janubia 4J	121 180 234 165	Best Case: Refurbish to estimated capacity Most Probable: Damaged No wellheads Damaged 2 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						
S-11/Az Zubayr	200	250	56	47	AZ Central GOSP AZ GOSP # 1 AZ GOSP # 2 AZ GOSP # 3 AZ GOSP # 4 Hammar GOSP	57 92 30 26 45 0	Best Case: Refurbish to estimated capacity Most Probable: Damaged 20% of wellheads Damaged 2 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						
S-12/West Qumah	120	250	300	0	WQ CGS-8 U/C WQ CGS-7 U/C WQ CGS-8 U/C	32 111 107	Best Case: Refurbish to estimated capacity Most Probable: Damaged 30% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed all GOSPS						
S-13/Buzurgan	30	30	30	0	North GOSP Southern GOSP # 1 Southern GOSP # 2 Southern GOSP # 3	7.5 7.5 7.5 7.5	Best Case: No damage Most Probable: Damaged 40% of wellheads Damaged 2 GOSPS Worst Case: Destroyed all wellheads Destroyed all GOSPS						

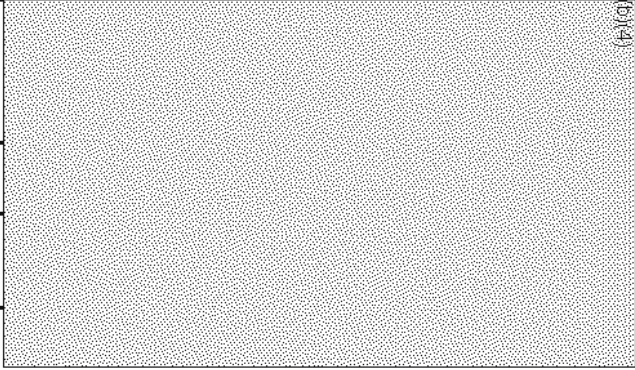
ROM BASIS

Oilfields Name	Current Production Capacity/ 1,000BPD	Estimated Production Capacity/ 1,000 BPD	No of Wellheads	No of water Inj Wells	No of GOSPS w/Description	GOSP Capacity/ 1,000BPD	Remarks for various cases	Best Case ROM in MM\$	Most Probable Case ROM in MM\$	Worst Case ROM in MM\$	Cost/BBL basis/Most Probable case/\$1,000	Rated Cost/ BBL basis	Ranking by Cost Benefit Ratio
S-14/Al Luhays	30	40	16	0	Al Luhays GOSP	40	Best Case: Refurbish to estimated capacity Most Probable: Damaged 20% of wellheads Damaged GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
S-15/Nasiriyah	30	30	23	0	Nasiriyah GOSP	30	Best Case: No damage Most Probable: Damaged 40% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
S-16/Majnoon	25	25	??	??	Majnoon GOSP	25	Best Case: No damage Most Probable: Damaged 20% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
S-17/Jabel Fauqi	20	40	20	0	JF North GOSP JF South GOSP	20 20	Best Case: Refurbish to estimated capacity Most Probable: Damaged 40% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
S-18/East Baghdad	20	30	80	0	Baghdad GOSP	30	Best Case: Refurbish to estimated capacity Most Probable: Damaged 70% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
S-19/Abu Ghurab	15	30	13	0	AG North GOSP AG South GOSP	15 15	Best Case: Refurbish to estimated capacity Most Probable: Damaged 40% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
S-20/Subba	10	10	19	0	Subba GOSP	10	Best Case: No damage Most Probable: Damaged 40% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
S-21/Halfaya	10	10	4	0	Halfaya GOSP	10	Best Case: No damage Most Probable: Damaged 40% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						

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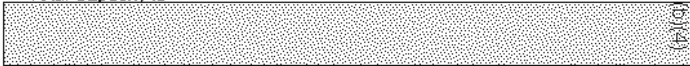
ROM BASIS

Oilfields Name	Current Production Capacity/ 1,000BPD	Estimated Production Capacity/ 1,000 BPD	No of Wellheads	No of water Inj Wells	No of GOSPS w/Description	GOSP Capacity/ 1,000BPD	Remarks for various cases	Best Case ROM In MM\$	Most Probable Case ROM in MM\$	Worst Case ROM in MM\$	Cost/BBL basis/Most Probable case/\$1,000	Rated Cost/ BBL basis	Ranking by Cost Benefit Ratio
S-22/Nahr Umar	10	10	9	0	Nahr Umar GOSP	10	Best Case: No damage Most Probable: Damaged 20% of wellheads Damaged 1 GOSP Worst Case: Destroyed all wellheads Destroyed GOSP						
Total Southern Oilfields:	1,420	2,155	1,006	57									
Total Capacity:	2,097	3,085	1,414	72									
Sub Total Including Mark up:													
Site Management													
Total:													



Assumptions:

* Total Capacity is 3.1 MM BPD



ROM Basis

	Rated Capacity 1,000BPD	Line Size In Inches	Rated Capacity MMSCF/D	Remarks for Various Cases	Best Case ROM in MM\$	Most Probable Case ROM in MM\$	Worst Case ROM in MMS	Rank Order
C: Pump Stations:								
K-1	1,500			Best Case: Minimal repair of existing pump stations				
K-2	1,500			Most Probable: 2 New Pumping stations in Northern Iraq 1 new Pumping Station in Southern Iraq				
K-3	1,400							
IT-1	1,000			Worst Case: All destroyed. Install new 2 new Pumping stations in North & 2 in South Iraq				
IT-1A								
IT-2	1,000							
IT-2A	1,000							
IT-3	In Turkey							
IT-3A	In Turkey							
Strategic P/L PS-1	980							
Strategic P/L PS-2	980							
North Rumaylah Central GOSP	840							
North Rumaylah Central Gathering Station	1,700							
Zubair-1 (Z-1)	1,700							
Buzurgan Complex EX PST	200							
Avanah Pump Station	520							
IPSA-1	1,600							
IPSA-2	1,600							
Al Faw North	??							
Al Faw South	4,288							
D: Oil Pipelines:								
I-T to Turkey	1,000			Best Case: No damage to flowlines & pipelines				
Strategic to Rumaylah Gathering Station (Bi directional)	980			Most Probable: 300 LF of flowlines damaged at well heads 1.0% of pipeline damaged in North & 0.50% in South Iraq				
North Rumaylah Central GOSP to Al Faw		48						
Z-1 to Al Faw North of Tankfarm		28		Worst Case: 300 LF of flowlines damaged at well heads 1.0% of pipeline damaged in North & 1.0% in South Iraq				
IPSA-1 to Z-1		24/30/32						
IPSA-1 to IPSA-2		48						
IPSA-2 to IPSA-3		48						
Al Faw South to Mina Bakr		48						
		2-48						
E: Gas Pipelines:								
Kirkuk to Hadithah				Best Case: No damage to Gas pipelines				

(b)(4)

ROM Basis

	Rated Capacity 1,000BPD	Line Size in Inches	Rated Capacity MMSCF/D	Remarks for Various Cases	Best Case ROM in MM\$	Most Probable Case ROM in MM\$	Worst Case ROM in MM\$	Rank Order
Hadithah to North Rumaylah Bayji to Baghdad North Rumaylah to Al Mahmudiyah North Rumaylah to South Rumaylah South Rumaylah to Az Zubayr Az Zubayr to Al faw Khor Az Zubayr Condensate Storage, Az Zubayr F: Terminals: Al Faw North Terminal, Al Faw Al Faw South Terminal Abu Ffus, Basrah Khor Az Zubayr Terminal & Storage, Az Zubayr Umm Qasr, Umm Qasr Khor Amaya Terminal Mina Al Bakr Platforms A & B G: Water Injection Plants: Az Zubayr and Rumaylah Injection Kirkuk Water Injection H: Refineries: Az Zubayr Petrochemical Complex, Az Zubayr Basrah Refinery, Basrah Tubah Tank Farm and Pump Station, Az Zubayr Crude Processing Plant # 1, Kirkuk Crude Processing Plant # 2, Kirkuk Baji Refinery, Kirkuk I: Gas Plants: Az Zubayr LPG Plant # 1, Az Zubayr Az Zubayr LPG Plant # 2, Az Zubayr			100 to 200 250 to 500	Most Probable: 1.0% of pipeline damaged in North & 0.50% in South Iraq Worst Case: 1.0% of pipeline damaged in North & 1.0% in South Iraq Best Case: No damage Most Probable: 50% damaged 50% damaged 50% damaged 50% damaged Minimum damage Minimum damage Minimum damage Worst Case: Extensive damage Best Case: No damage Most Probable: Minimum damage in South, 50% damage in North Worst Case: Extensive damage Best Case: No damage Most Probable: 50% damaged Worst Case: Extensive damage Best Case: No damage/Ensure plants are working Most Probable: 50% damaged	(b)(4)			

ROM Basis

	Rated Capacity 1,000BPD	Line Size in Inches	Rated Capacity MMSCF/D		Remarks for Various Cases	Best Case ROM in MM\$	Most Probable Case ROM in MM\$	Worst Case ROM in MM\$	Rank Order
Az Zubayr LPG Fractionation Plant, Az Zubayr Rumaylah LPG Plant, Rumaylah Basrah Refinery Gas Plant	100		1,500 100	Worst Case:	Extensive damage				
Kirkuk H2S Removal Plant, Kirkuk (4 trains) Kirkuk Sulfur Plants, Kirkuk (4 trains) Kirkuk North Gas Plant, Kirkuk New Gas Plant @ CPP2, Kirkuk GasHandling Facility @ Saddam Fields, Baij			400 500 1,000						
J: Power Generation to support Oilfields:				Best Case:	No damage				
				Most Probable:	Repairs in both north & south Oilfields/ Provide two (2) new GTG's BY OTHERS				
				Worst Case:	Extensive damage in North & south Oilfields. Provide four (4) new GTG's BY OTHERS				
K: Stabilization Plants				Best Case:	Refurbish existing plants				
				Most Probable:	One new Stabilization plant, One refurbished				
				Worst Case:	Destroyed , Two new Stabilization plants				
L: Intermediate Storage:				All Cases:	Four (4) new 1 Million BBL Storage tanks/				
M: Common Services: * Camp Construction & Operations/Maintenance * PMT/CMT Management/Administration * Construction Equipment /Office supply * Assessment Teams * Design & Engineering Services * Freight * Insurances * O & M Staff * Environmental									
Total: Oilfields:									
Total:									

(S)(M)

4-Aug-08

COST BENEFIT RATIO BY FIELD

Most Probable Case

(b)(4)

PREPOSITIONED EQUIPMENT REQUIREMENTS

Total Quantity	Unit of Measure	Item Description	Unit Cost	Total Cost
		HEAVY EQUIPMENT		
(b)(4)				
		OTHER EQUIPMENT		
(b)(4)				
		HEALTH, SAFETY, ENVIROMENT		
(b)(4)				
		MISCELLANEOUS		
(b)(4)				
		SUB TOTAL		(b)(4)

PREPOSITIONED EQUIPMENT REQUIREMENTS

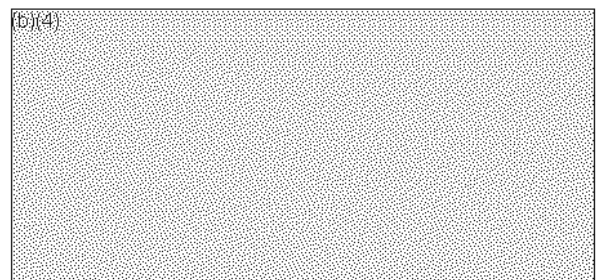
Total Quantity	Unit of Measure	Item Description	Unit Cost	Total Cost
		FIRE FIGHTING EQUIPMENT		
(b)(4)				
		WELL TESTING EQUIPMENT		
(b)(4)				
		REPLACEMENT WELLHEAD AND CHRISTMAS TREE EQUIPMENT		
(b)(4)				

ROM COMPARISON
Between Dec 2002 & Jan 2003

16GU55 LOGCAP - TASK 31 Description of Work	18-DEC-02 Maximum Damage Case	5 Oilfields 600 Wells 12 GOSPs 730 Cal. Days 2.4 MM BPD	21-JAN-03 Maximum Damage Case	22 Oilfields 1414 Wells 54 GOSPs 943 Cal. Days 3.1 MM BPD
Camp Construction & Operation Maint.	79,481,000	2,200 Personnel 5 Oilfields	198,293,000	4,350 Personnel 22 Oilfields
Management and Administration	186,877,000	430 Personnel	400,035,000	898 Personnel
DBA & CIGNA Insurance	13,229,000	Function of Labor	34,503,000	Function of Labor
Freight	226,724,000	Function of Mat'l & Equip.	779,385,000	Function of Mat'l & Equip.
Interim Transit	12,205,000	Function of Labor	76,209,000	Function of Labor
Assessment	11,321,000	379 Personnel 5 Oilfields	28,389,000	447 Personnel 22 Oilfields
Design & Engineering	31,959,000	63 Personnel	479,735,000	623 Personnel
Oil Well Firefighting and Capping	328,823,000	600 Wells	977,033,000	1,414 Wells
Wellheads	532,892,000	600 Wellheads	1,241,974,000	1,414 Wellheads
Re-Drilling		No Deep Well Blowouts	2,976,512,000	50% (707) Deep Well Blowouts
Flowlines / Pipelines	85,148,000	600 Wells	142,571,000	1,414 Wells
GOSPs	1,108,679,000	12 GOSPs	3,350,706,000	54 GOSPs
Power Generation	80,125,000	For Facilities in Scope	By Others	
Gas Plants & Associated Piping		Not Included in Scope	1,177,660,000	10 Gas Plants
Water Injection Plants		Not Included in Scope	144,916,000	2 H2O Injection Plants
Pumping Stations	308,829,000	Four Pumping Stations	385,089,000	Same - Refinement of Estimate
Stabilization Plants	225,469,000	Two Stabilization Plants	224,645,000	Same - Refinement of Estimate
Refineries		Not Included in Scope	2,648,046,000	Three refineries
Intermediate Storage	32,788,000	Four mil bbl Storage	32,720,000	Same - Refinement of Estimate
Export Terminal	177,026,000	Pipelines + 2 SPMs	194,810,000	Added metering skid + 2 mm bbl Oil storage tanker for 12 months
Operation and Maintenance - 90 days	13,085,000	12 GOSPs	72,274,000	54 GOSPs
Environmental	38,201,000	Basic Remediation	74,162,000	Includes 1.2 mm bbl Gulf Spill
TOTALS	3,492,861,000		15,639,667,000	

MOST PROBABLE CASE

BEST CASE



BRS Government Operations

a division of Kellogg Brown & Root Inc.

Logistics Civil Augmentation Program (LOGCAP)

Contract # DAAA09-02-D-0007

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

24-Jan-2003

Brown & Root Services Proprietary Data - See FAR 3.104

NOTE: In addition to protection under Federal Acquisition Regulation 3.104, this document contains information which may be withheld from the public because disclosure would cause a foreseeable harm to an interest protected by one or more Exemptions of the Freedom of Information Act, 5 USC Section 552. Furthermore, it is requested that any Government entity receiving this information act in accordance with DoD 5400.7-R, and consider this information as being for official use only (FOUO), and mark, handle and store this information so as to prevent unauthorized access.

**Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days**

ROM ASSUMPTIONS / NOTES (Additional Assumptions included on Task Execution Plan (TEP):

Reference ROM Basis of Estimate and Oil Field ROM Assumptions

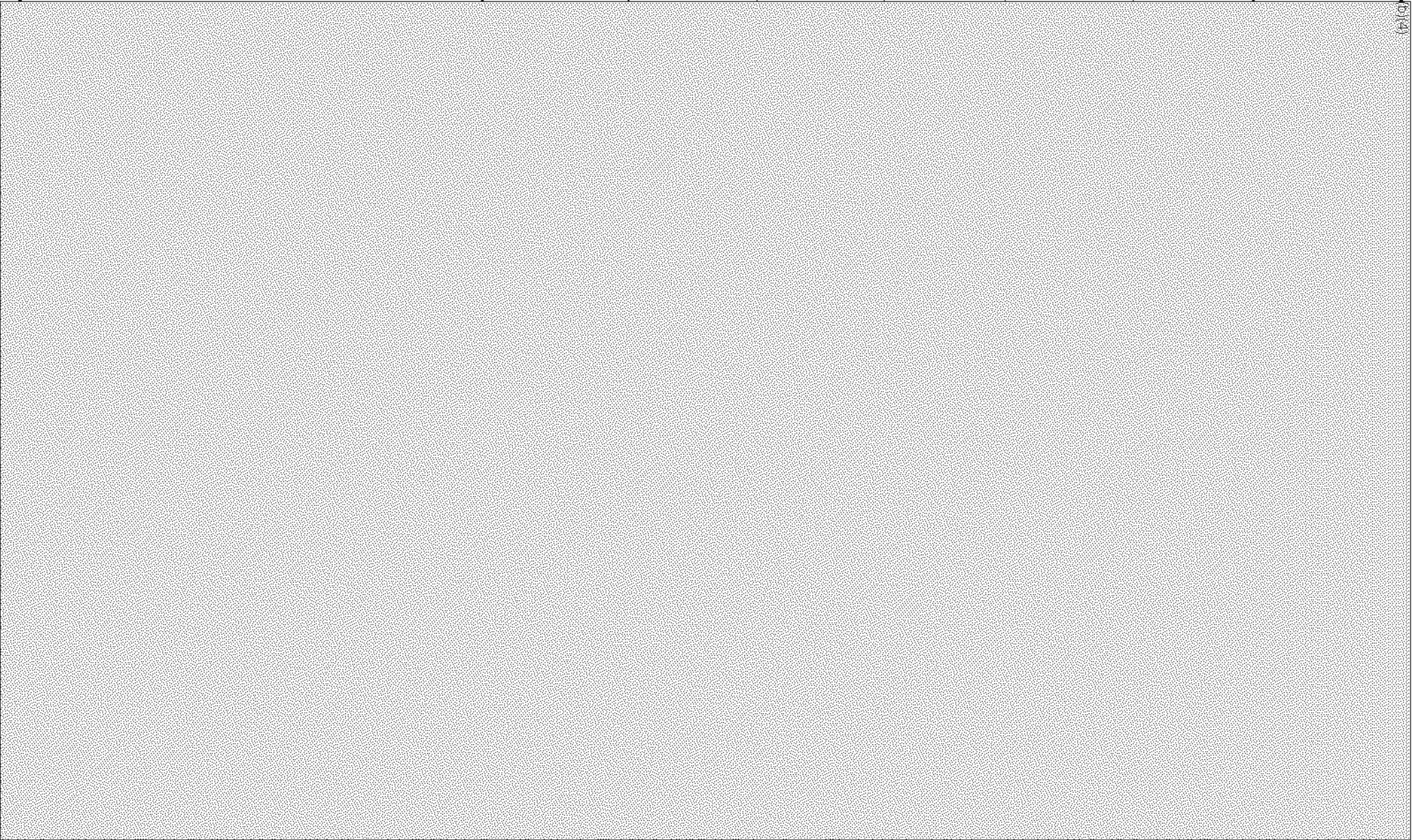
Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

24-Jan-2003

(b) (6)


ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM	TOTAL
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(b) (6)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
24-Jan-2003



ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM	TOTAL

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

24-Jan-2003

(b) (7) (C)

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM	TOTAL
[Redacted Content]							

(b) (7) (C)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

24-Jan-2003

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM	TOTAL
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

24-Jan-2003

(b) (6)

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM	TOTAL
(b) (6)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
24-Jan-2003

(b) (4)

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM	TOTAL
[Redacted Content]							

(b) (4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

24-Jan-2003

(b) (6)

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM	TOTAL
[Redacted Content]							

(b) (4)

ROM Summary of Total KBR Contract Costs by Cost Element

Cost element	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM	TOTAL
[Redacted Content]							

(b) (4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
Camp Construction & Operations/Maintenance -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							(b)(4)

Abbreviations Key / Legend

Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:
 A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

**Summary Subtotals
By Cost Element**

(b)(4)	(b)(4)
(b)(4)	(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (BEST CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Management & Administration (M&A) -- Non-Labor (NL)

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Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[REDACTED]							

(b)(4)

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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (BEST CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Management & Administration (M&A) -- Non-Labor (NL)

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Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (BEST CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Management & Administration (M&A) -- Non-Labor (NL)

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Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (BEST CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Management & Administration (M&A) -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							
<i>Abbreviations Key / Legend</i>					<i>Summary Subtotals</i>		
(b)(4)					(b)(4)		

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1MM EBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

WBS 42 - Freight -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
		ODC	Freight @ 17% of Imported Material and Equipment: Camp Construction & Operations-Maintenance	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 02 - Base Camp Maintenance	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 03 - HAZMAT	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: Management & Administration (M&A)	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: ASSESSMENT	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: DESIGN & ENGINEERING	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: IRAQI ENERGY INFRASTRUCTURE WORK	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: POWER GENERATION	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: GAS PLANTS & PIPING	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 14 - Interpreter / Translator Service	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 15 - Equipment Maintenance	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 16 - Transportation	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: OIL PIPELINE	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WATER INJECTION PLANTS	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: PUMP STATIONS	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: STABILIZATION PLANTS	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: XXX	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: REFINERIES	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: INTERMEDIATE STORAGE TERMINAL	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: EXPORT TERMINAL	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: OPERATION & MAINTENANCE	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: MARKETING & EXPORT	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 23 - Class III (Fuel) Operations	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: ENVIRONMENTAL	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 25 - Container Handling Services	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 26 - Fire Fighting Services	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 27 - Camp Upgrades	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 28 - Camp Decommission	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 29 - Road Repair & Maintenance	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: MODERNIZATION	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 37 - Communications	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: WBS 42 - Power Generation	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: XXX	(b) (4)
		ODC	Freight @ 17% of Imported Material and Equipment: XXX	(b) (4)
Abbreviations Key / Legend			Summary Subtotals	
Origin: I - Imported L - Local Procurement			Cost Element	Cost Element
NOTES: BRS will utilize a composite rate based on BRS expertise on similar projects for freight on all items attributed to be from an imported source. As LOGCAP III historical data is corrected, the estimated composite rate will be adjusted. Only Actual costs of Freight will be billed.				(b) (4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WBS 13 - Interim Transit -- Labor (L)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
			Camp Construction & Operations/Maintenance	
			(b)(4)	(b)(4)
			Management & Administration (M&A)	
			(b)(4)	(b)(4)
			ASSESSMENT	
			(b)(4)	(b)(4)
			DESIGN & ENGINEERING	
			(b)(4)	(b)(4)
			IRAQ ENERGY INFRASTRUCTURE WORK Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowline	
			(b)(4)	(b)(4)
			POWER GENERATION	
			(b)(4)	(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Interim Transit -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost	
					Origin			
MOBILIZATION & DEMOBILIZATION								
[Redacted Content]								
Abbreviations Key / Legend					Summary Subtotals			
					By Cost Element			
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs		Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative		Origin: I - Imported L - Local Procurement FSS - Federal Supply		[Redacted Content]		(b)(4)
					[Redacted Content]			(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (BEST CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ASSESSMENT -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
			ASSESSMENT TEAM - EQUIPMENT / TOOLS				



<i>Abbreviations Key / Legend</i>			<i>Summary Subtotals</i>	
			<i>By Cost Element</i>	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs	Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative	Origin: I - Imported L - Local Procurement FSS - Federal Supply		

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

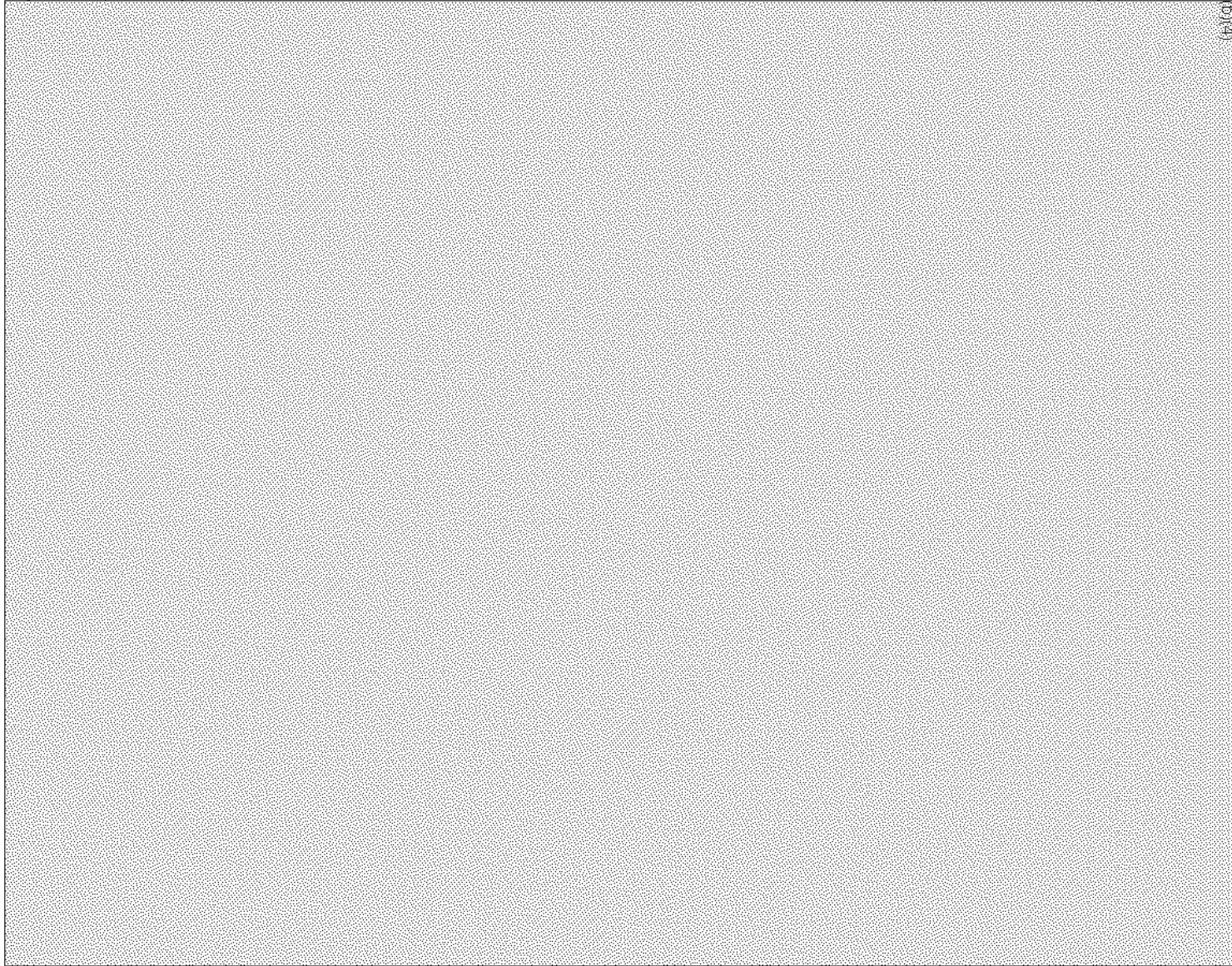
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

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IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
			IRAQ ENERGY INFRASTRUCTURE DIRECT COSTS - (By Field)				



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

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IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -
[REDACTED]							

(b)(4)

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Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

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IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

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IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
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[REDACTED]							
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Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

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IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

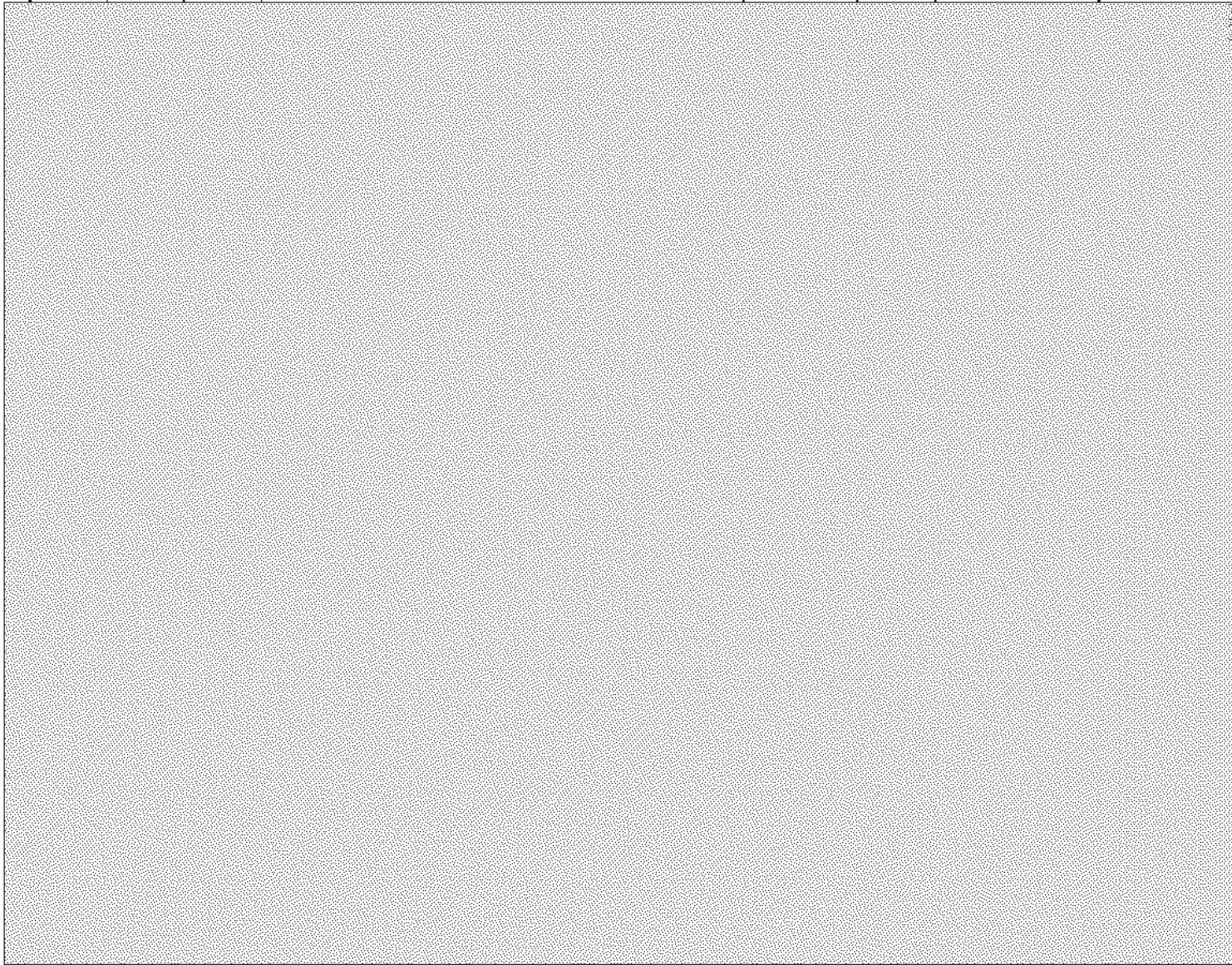
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
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[REDACTED]							
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(b) (4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
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[Redacted Content]							
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03/14/11

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

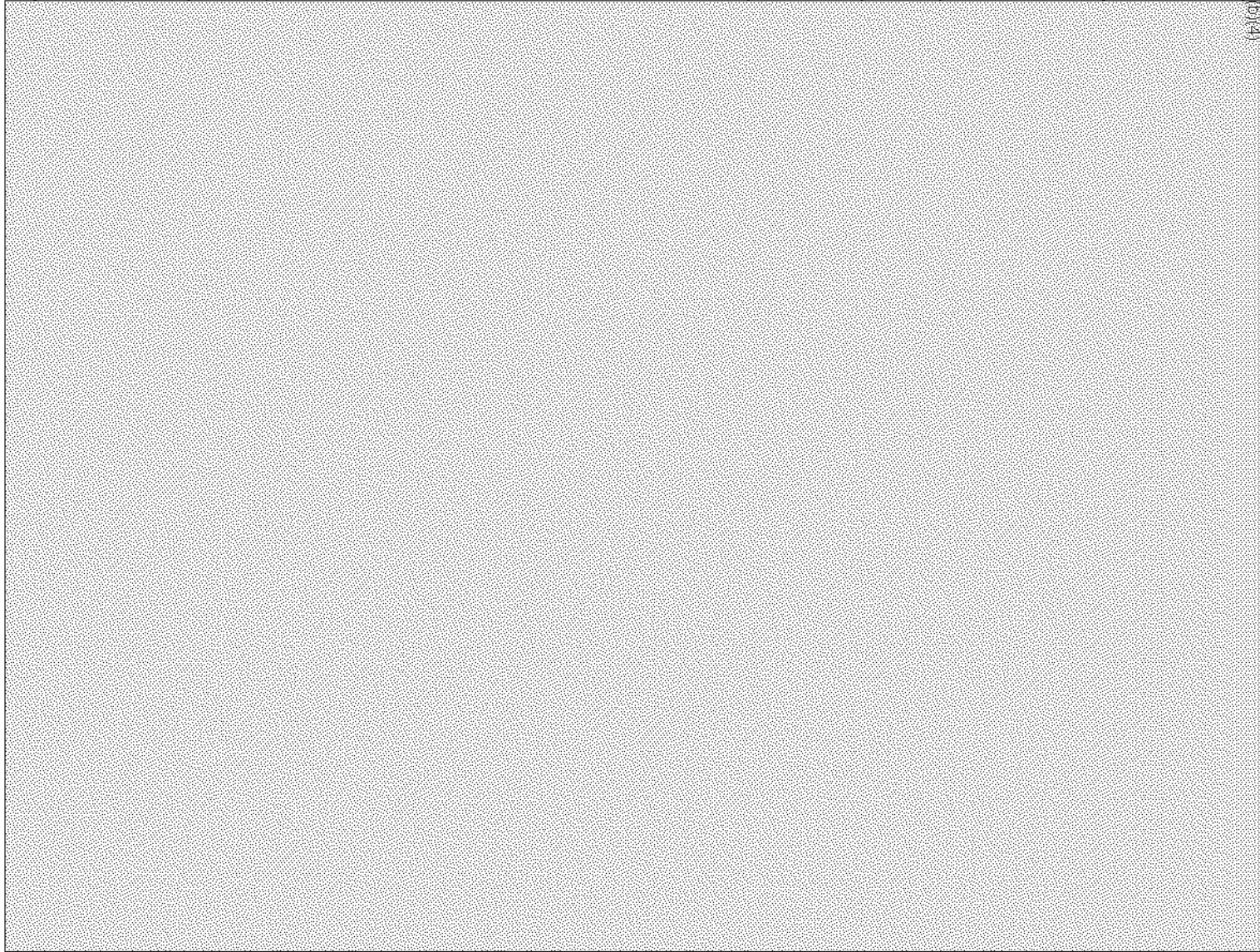
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

~~SECRET~~

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -
						\$ -	\$ -



Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b) (4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

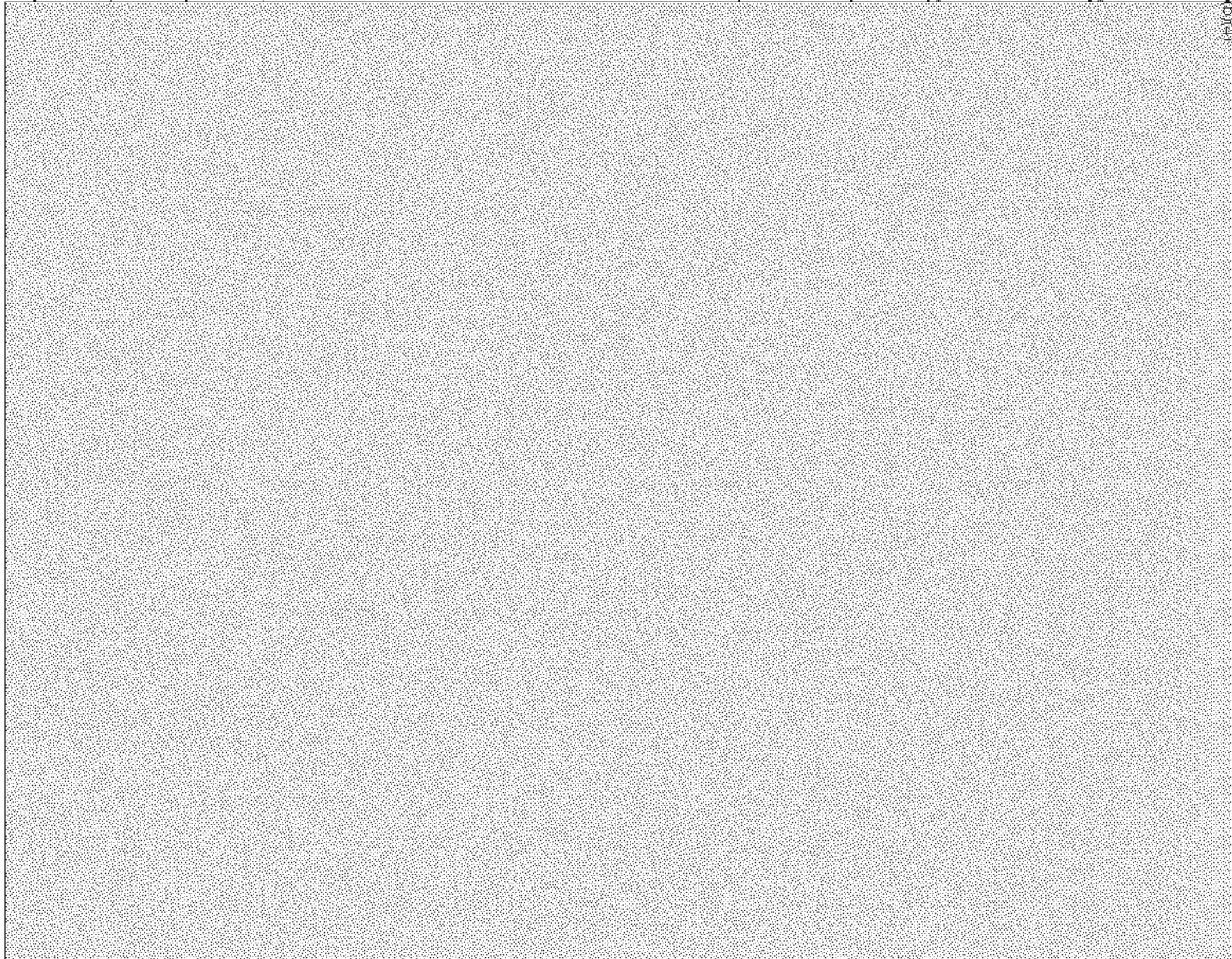
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

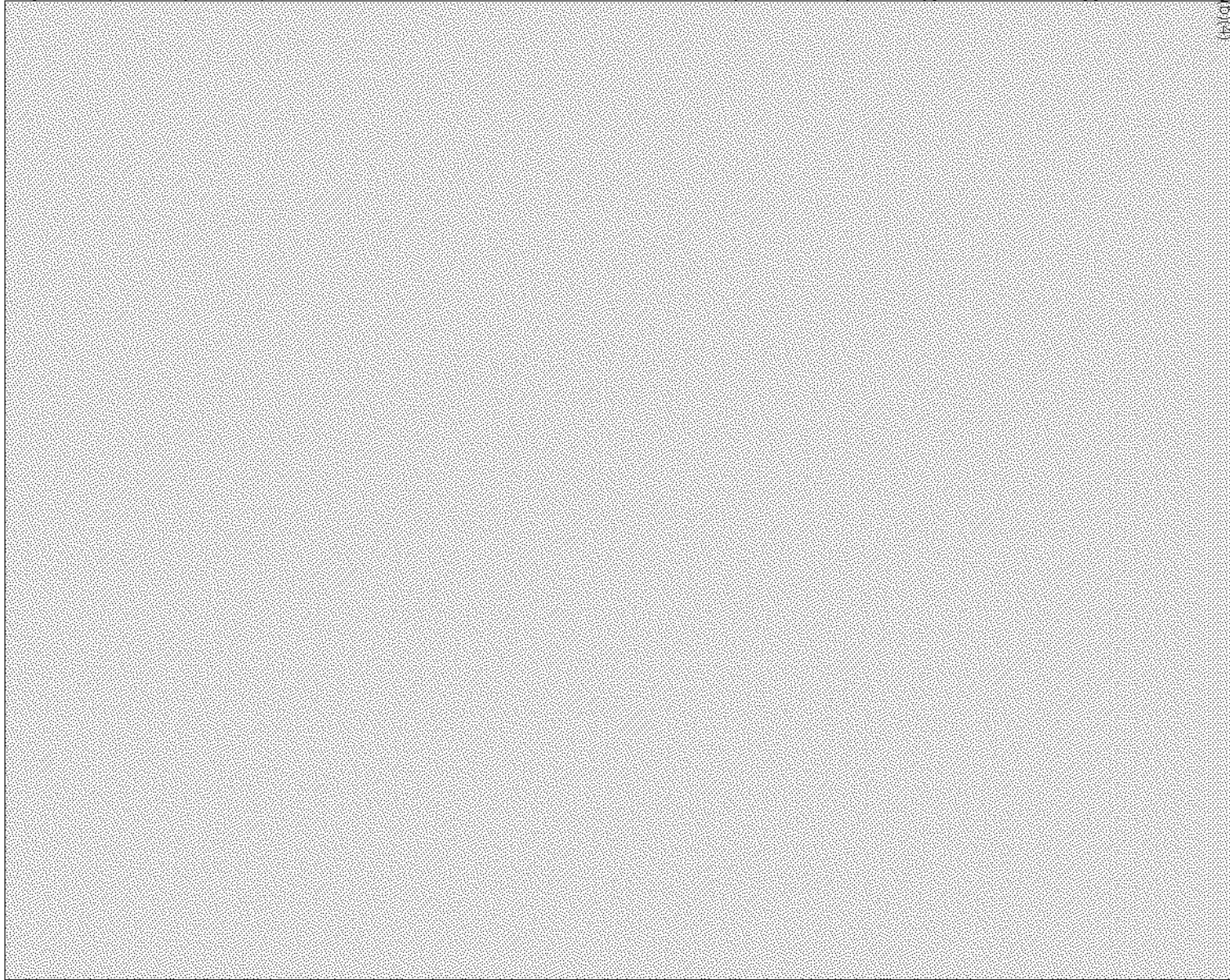
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

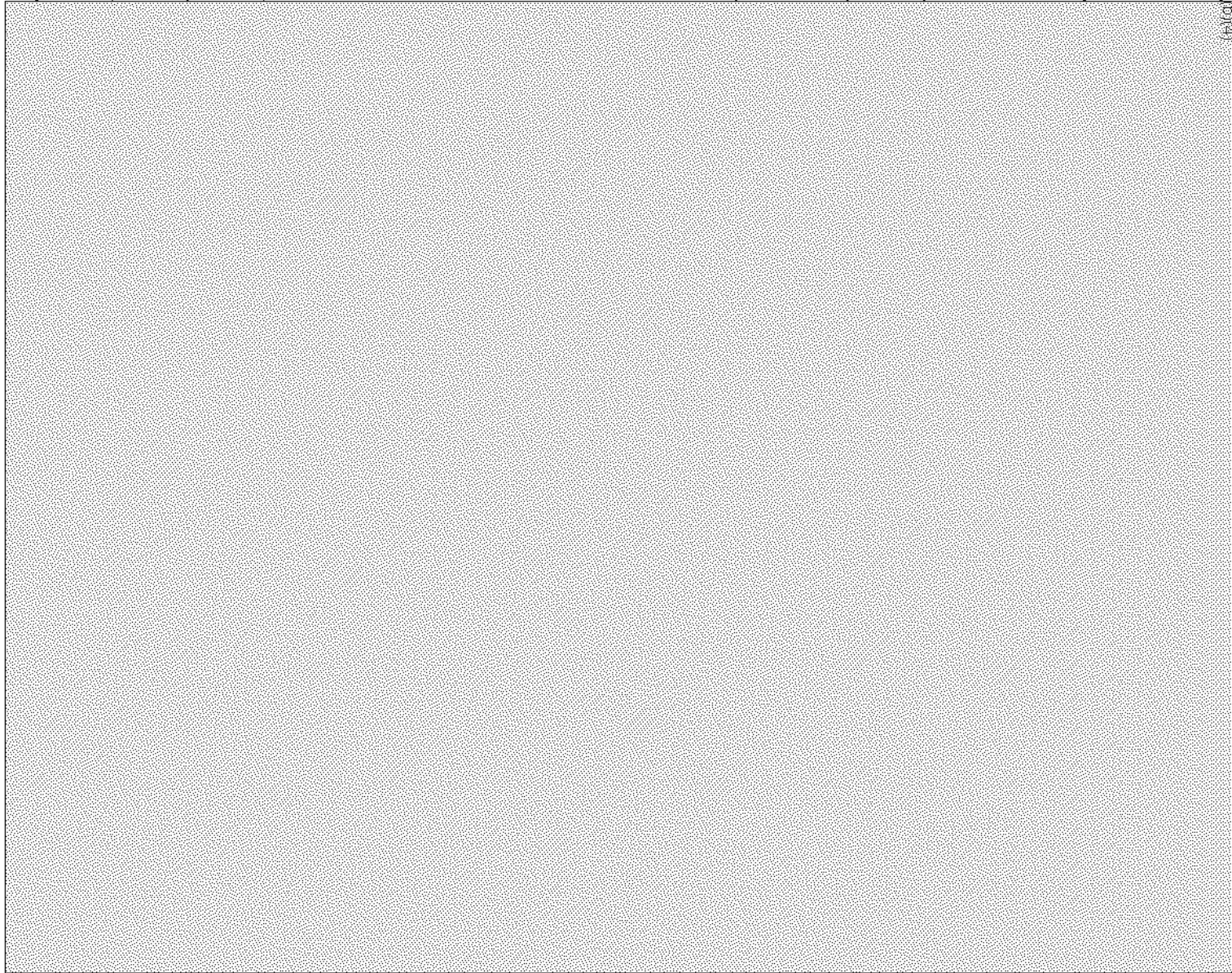
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(7)(C)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

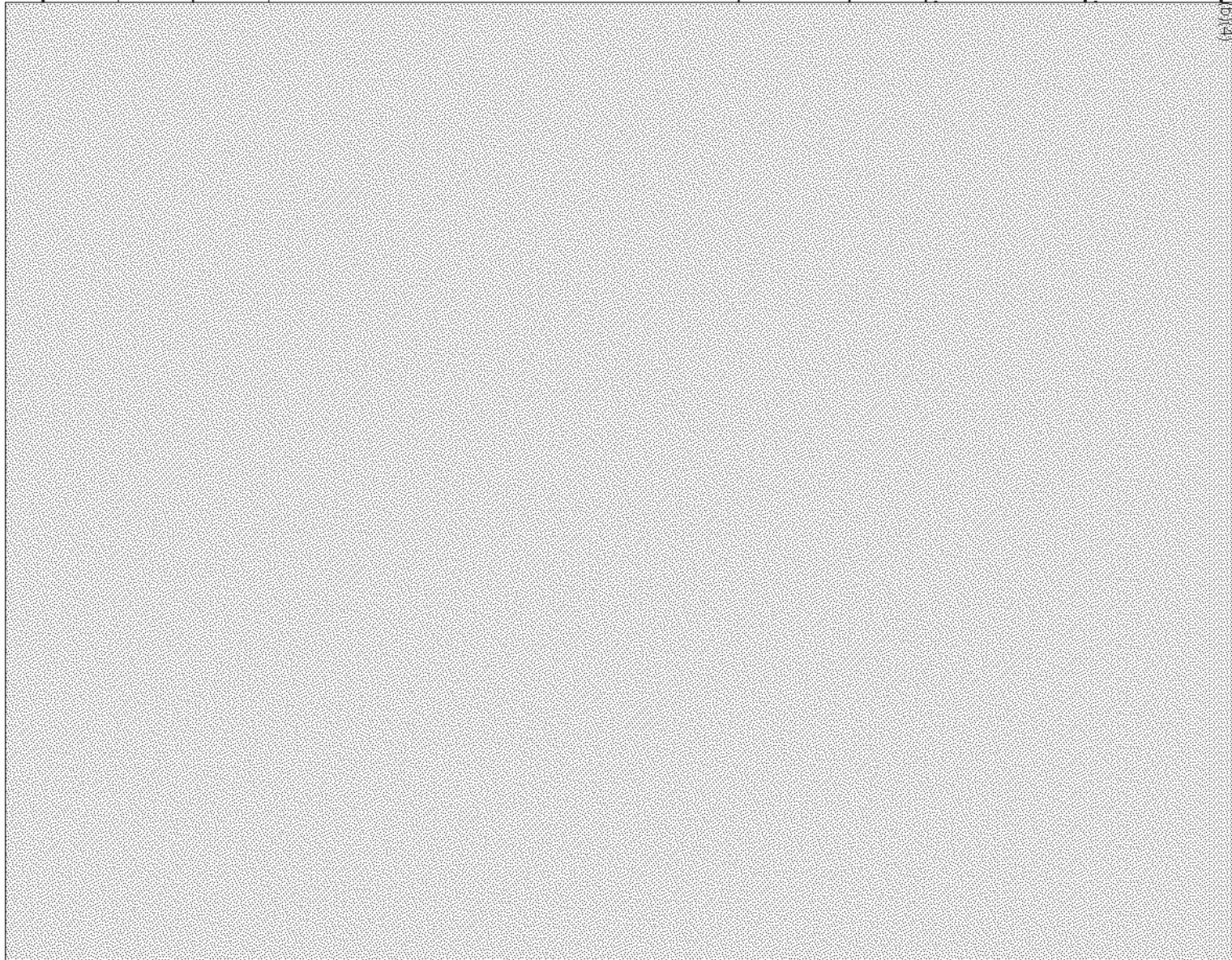
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

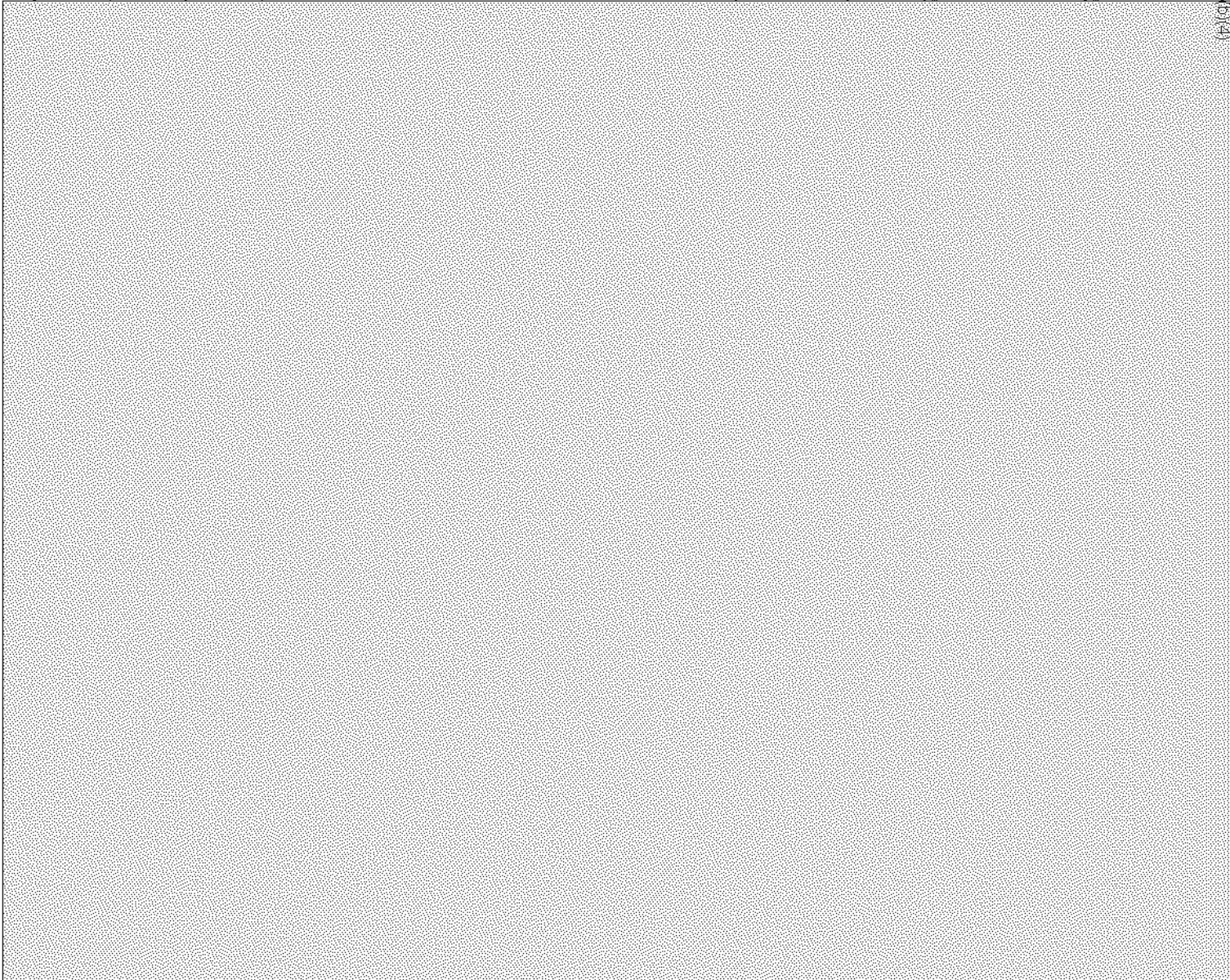
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

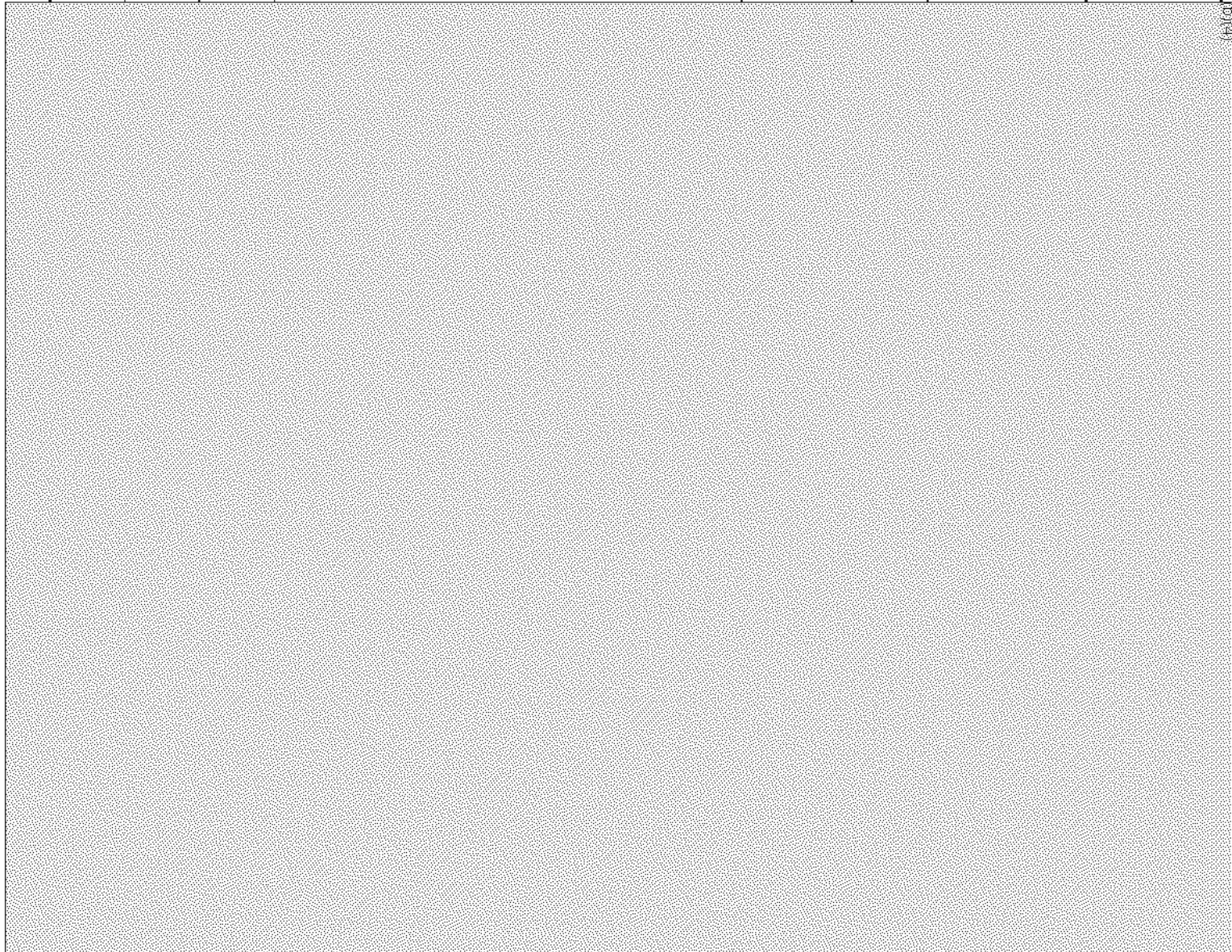
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

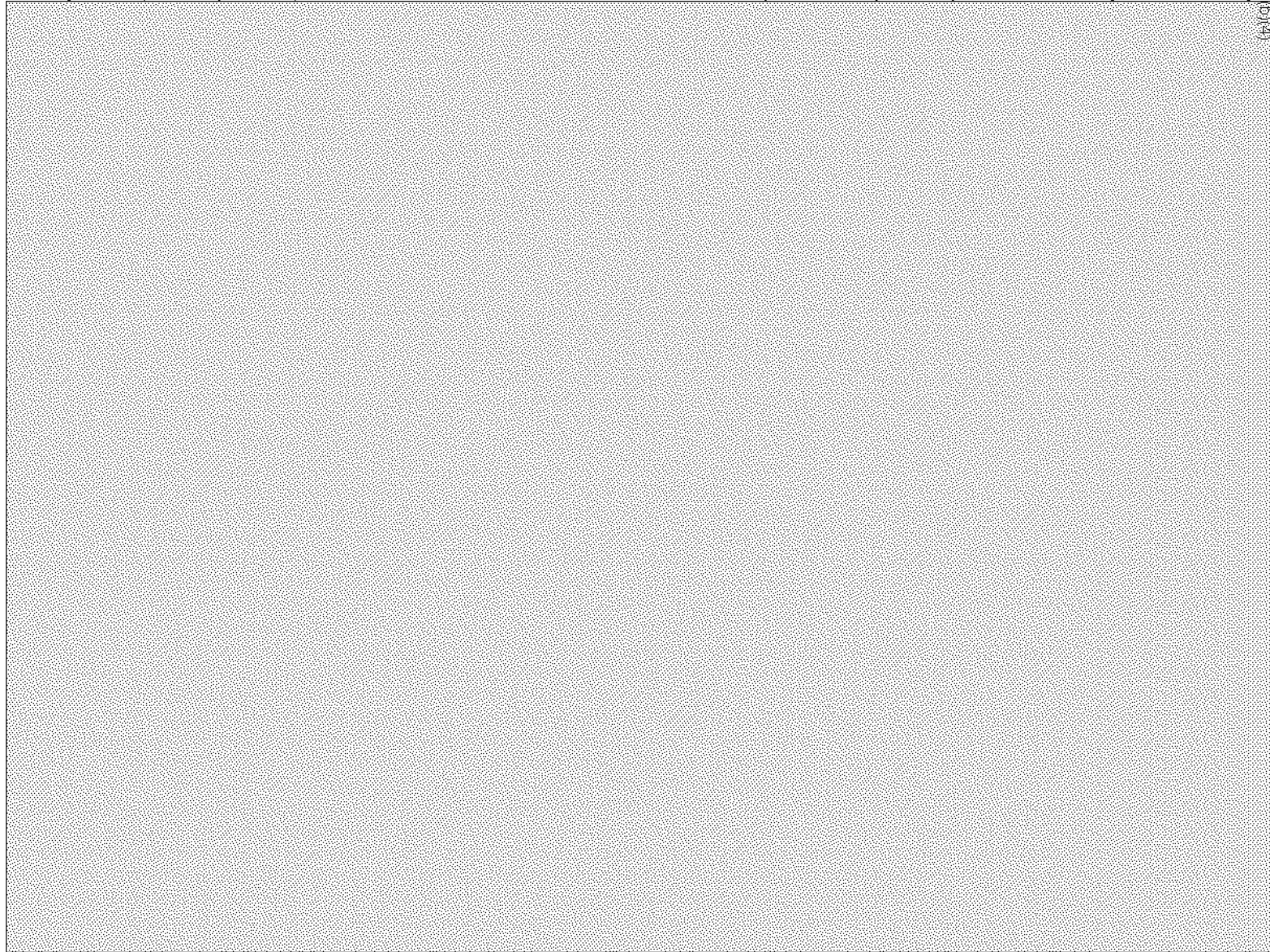
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

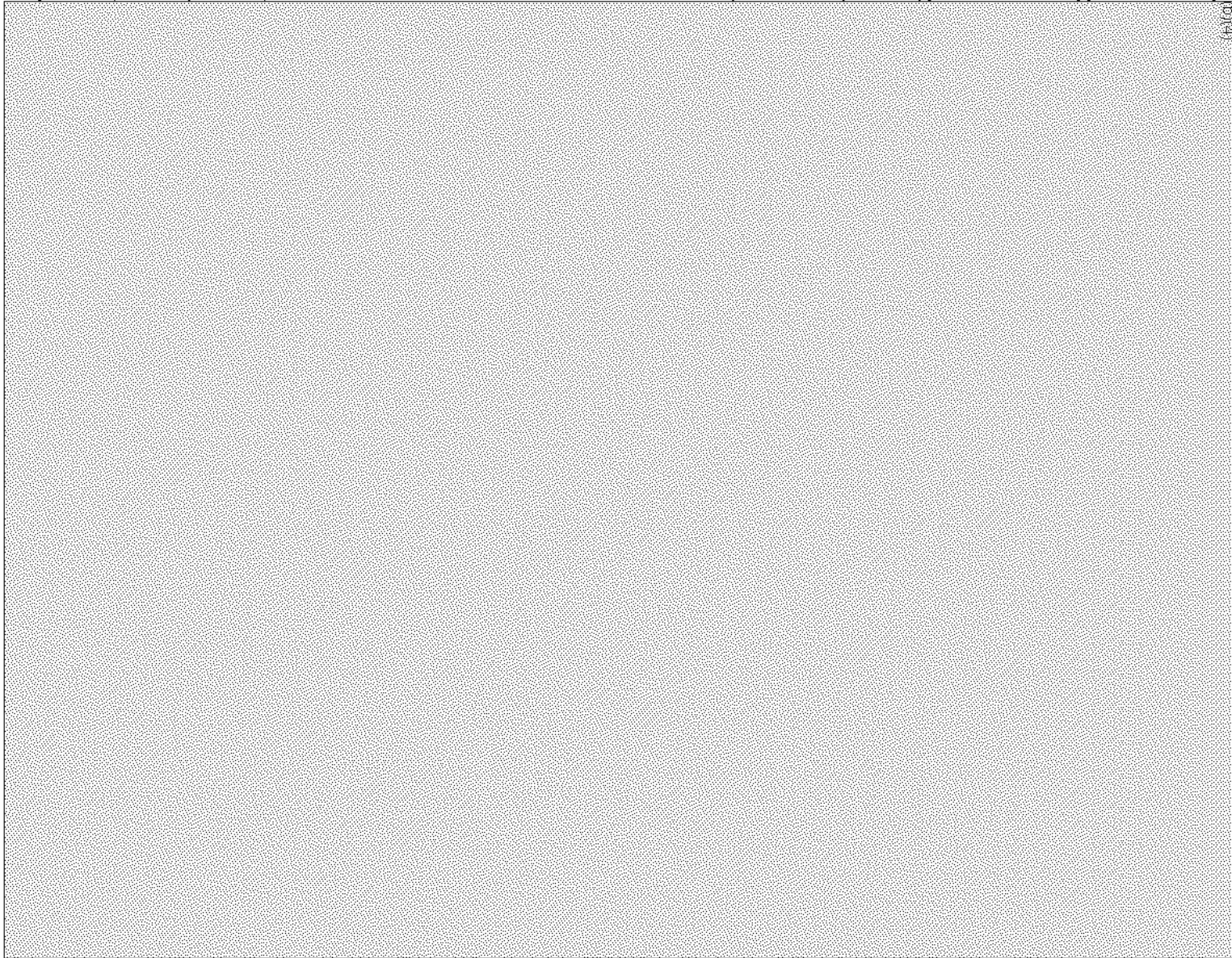
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

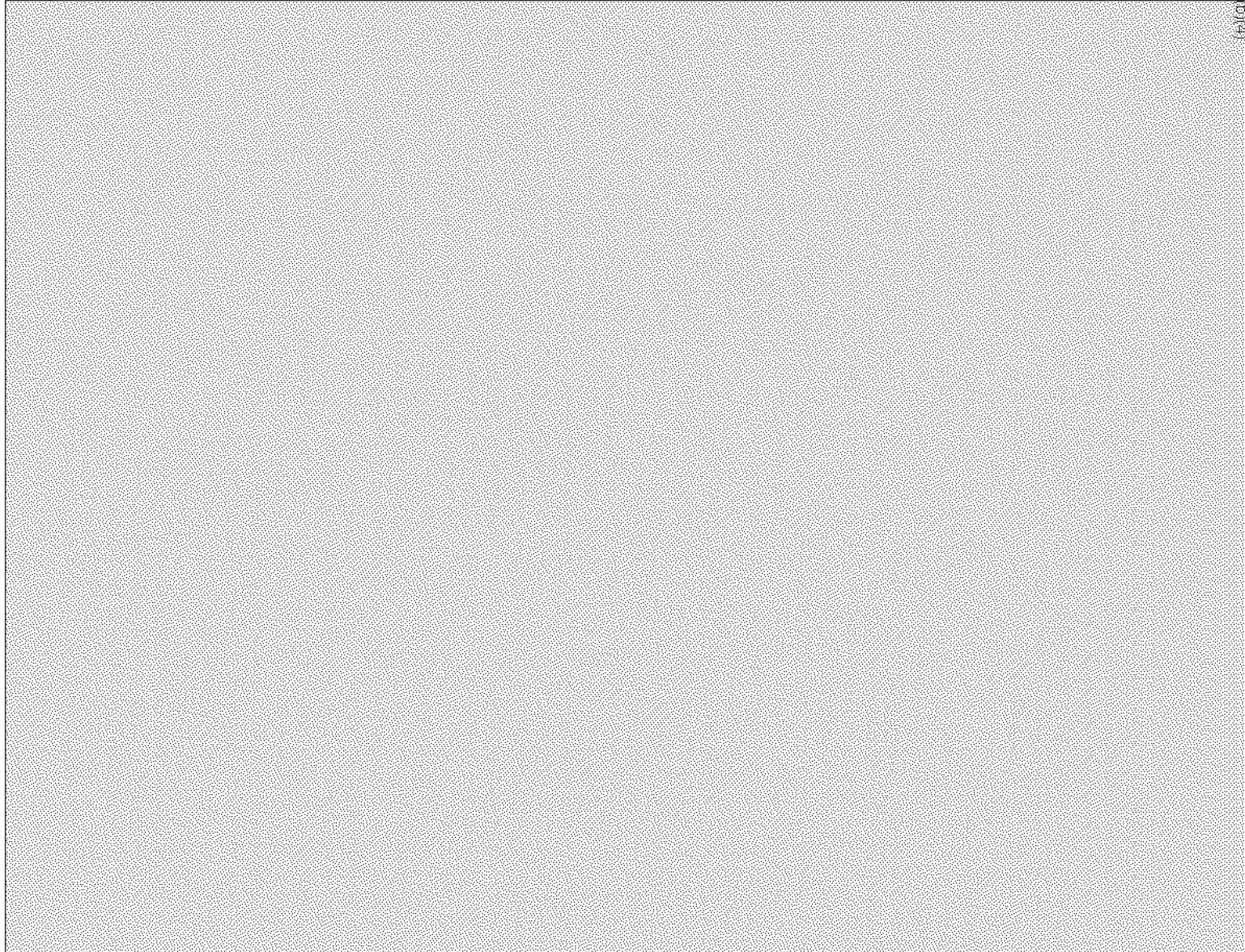
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

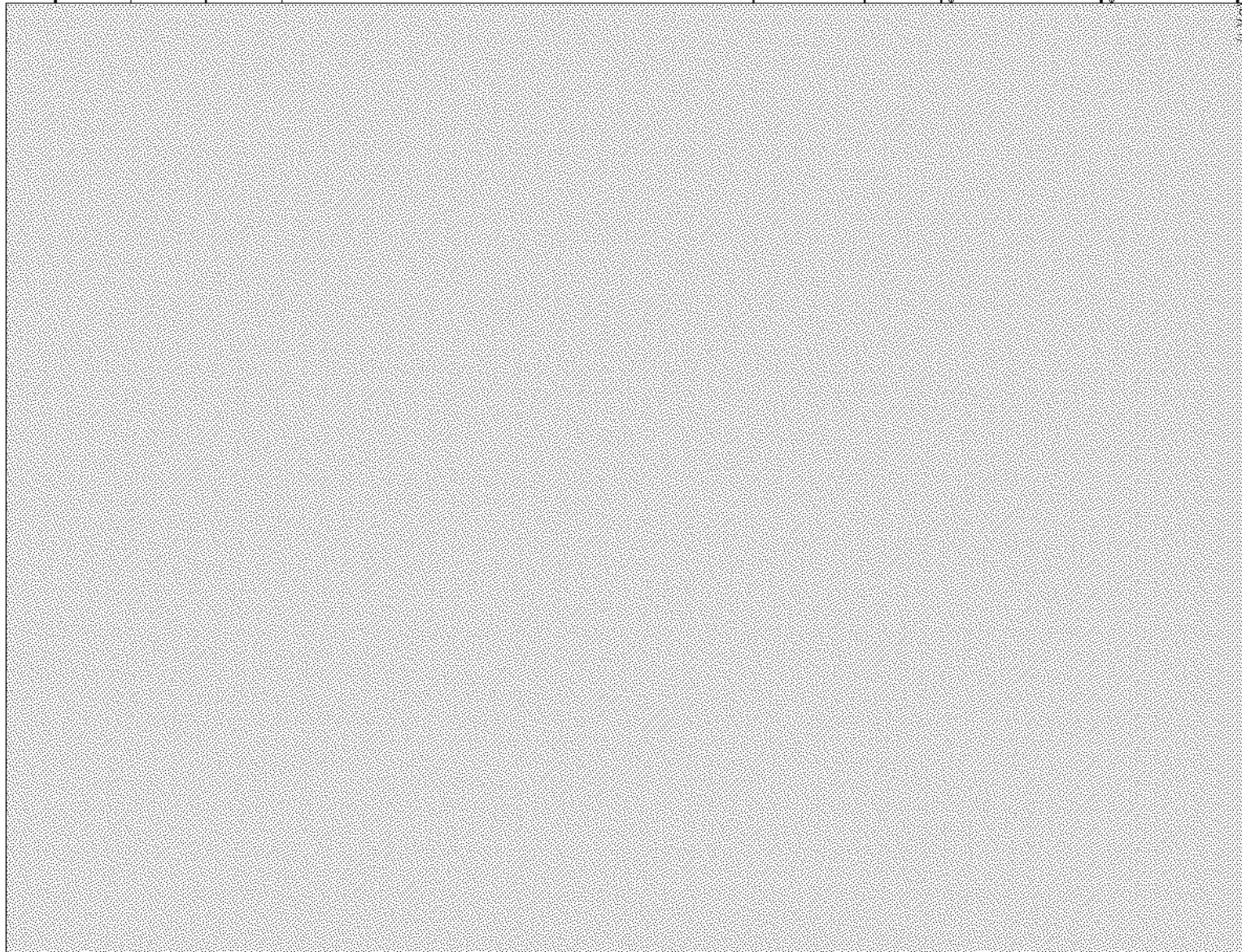
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

~~SECRET~~

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

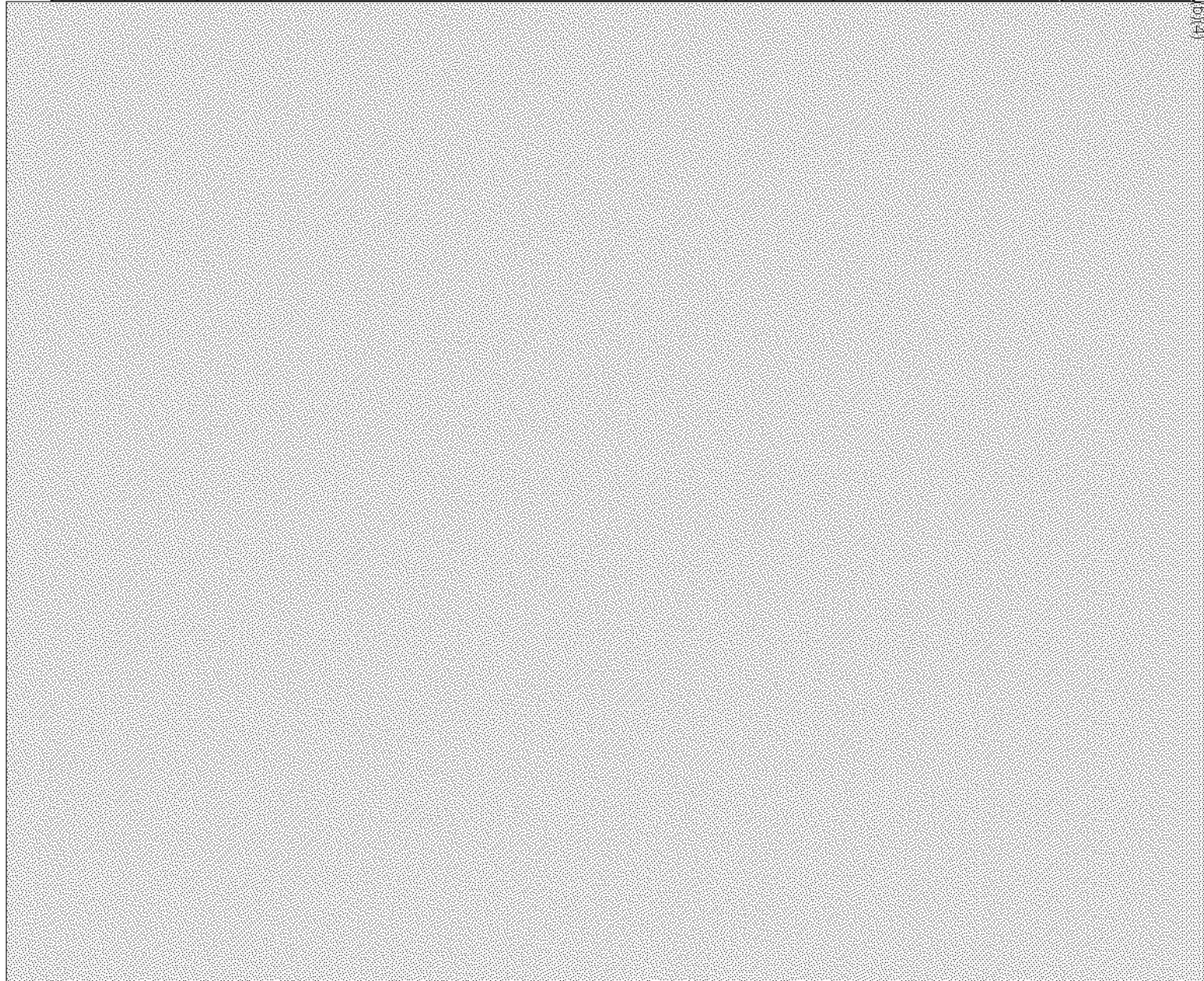
Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -



b1(4)

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (BEST CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost	
(b)(4)								
Abbreviations Key / Legend						Summary Subtotals By Cost Element		
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs		Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative			Origin: - Imported - Local Procurement FSS - Federal Supply			(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[Redacted]							
[Redacted]							
<i>Abbreviations Key / Legend</i>						<i>Summary Subtotals</i>	
<p>Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs</p> <p>Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative</p> <p>Origin: I - Imported L - Local Procurement FSS - Federal Supply</p>						<i>By Cost Element</i>	
						[Redacted]	

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WATER INJECTION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WATER INJECTION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[Redacted Content]							

(b)(7)(C)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WATER INJECTION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							
Abbreviations Key / Legend						Summary Subtotals	
						<i>By Cost Element</i>	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs		Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative		Origin: I - Imported L - Local Procurement FSS - Federal Supply		(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
PUMP STATIONS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Content]							

(b)(7)(C)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
PUMP STATIONS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
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(b)(4)

[Redacted Content]							
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
PUMP STATIONS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
PUMP STATIONS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Content]							

(b)(4)

Abbreviations Key / Legend			Summary Subtotals
			By Cost Element
Cost Element:	Pricing Source:	Origin:	[Redacted Content]
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported	
MAT - Material	H - Historical Unit Pricing	L - Local Procurement	
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply	
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing		
	B - See Proposal Narrative		

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (BEST CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 STABILIZATION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Content]							

(b)(4)

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:
 A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:
 I - Imported
 L - Local Procurement

[Redacted Content]	
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b) (4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost

(b)(3)

Brown Root Services Proprietary Data - See FAR 3.104

USE OR DISCLOSURE OF DATA CONTAINED ON THIS SHEET IS SUBJECT TO RESTRICTIONS ON TITLE PAGE

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[Redacted Content]							

(b)(6)

Brown Root Services Proprietary Data - See FAR 3.104

USE OR DISCLOSURE OF DATA CONTAINED ON THIS SHEET IS SUBJECT TO RESTRICTIONS ON TITLE PAGE

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (BEST CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Abbreviations Key / Legend

Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:
 A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

**Summary Subtotals
 By Cost Element**

(b)(4)	
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
INTERMEDIATE STORAGE TERMINAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

Cost Element:
EQP - Equipment
MAT - Material
SUB - Subcontracts
ODC - Other Direct Costs

Pricing Source:
A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
H - Historical Unit Pricing
When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
Q - Vendor Quotation Unit Pricing
B - See Proposal Narrative

Origin:
I - Imported
L - Local Procurement
FSS - Federal Supply

(b)(4)	
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(b)(7)(F)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (BEST CASE 3.1MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 EXPORT TERMINAL -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			Monthly OBC's	TOTAL COST
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Language Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal		Total Period
(b)(4)																

Totals and Corporate Overheads, Fees, and FCCM				
Labor	OLRC	ODC	Total Period	
(b)(4)				

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
EXPORT TERMINAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Content]							

(b)(4)

Abbreviations Key / Legend

Summary Subtotals

By Cost Element

Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:
 A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

[Redacted Content]	
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
OPERATION & MAINTENANCE -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

Cost Element:

EQP - Equipment
MAT - Material
SUB - Subcontracts
ODC - Other Direct Costs

Pricing Source:

A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
H - Historical Unit Pricing
When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
Q - Vendor Quotation Unit Pricing
B - See Proposal Narrative

Origin:

I - Imported
L - Local Procurement
FSS - Federal Supply

(b)(4)	
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Logistics Civil Augmentation Program (LOGCAP)
FORM TEMPLATE (BEST CASE 3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
ENVIRONMENTAL -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance		Monthly Direct Labor Costs					Monthly DLRC (Burdens)			Monthly DDC's	TOTAL COST	
					Total Days		Base Pay (40 hrs/yr)	Extended Schedule Pay (40 hrs/yr)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens		DLRC Subtotal	Total Period

(b) (4)																
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<i>Totals and Corporate Overheads, Fees, and FCCM</i>				
	Labor	DLRC	ODC	Total Period
(b) (4)				

Headcount Total

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
ENVIRONMENTAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

Cost Element:

- EQP - Equipment
- MAT - Material
- SUB - Subcontracts
- ODC - Other Direct Costs

Pricing Source:

- A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
- H - Historical Unit Pricing
- When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
- Q - Vendor Quotation Unit Pricing
- B - See Proposal Narrative

Origin:

- I - Imported
- L - Local Procurement
- FSS - Federal Supply

(b)(4)	
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (BEST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
ENVIRONMENTAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							

ROM Employee Roster

Level Code	Job Code	Payroll	Department	Job Description	Salary Data	
					Base Monthly	Hourly Pay

(b) (4)						
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BROWN & ROOT SERVICES
LOGISTICS CIVIL AUGMENTATION PROGRAM (LOGCAP)
PARAMETERS TABLE

(S) (C)

BRS Government Operations

a division of Kellogg Brown & Root Inc.

Logistics Civil Augmentation Program (LOGCAP)

Contract # DAAA09-02-D-0007

ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

28-Jan-2003

Brown & Root Services Proprietary Data - See FAR 3.104

NOTE: In addition to protection under Federal Acquisition Regulation 3.104, this document contains information which may be withheld from the public because disclosure would cause a foreseeable harm to an interest protected by one or more Exemptions of the Freedom of Information Act, 5 USC Section 552. Furthermore, it is requested that any Government entity receiving this information act in accordance with DoD 5400.7-R, and consider this information as being for official use only (FOUO), and mark, handle and store this information so as to prevent unauthorized access.

**Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days**

ROM ASSUMPTIONS / NOTES (Additional Assumptions included on Task Execution Plan (TEP):

Reference ROM Basis of Estimate and Oil Field ROM Assumptions

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

28-Jan-2003

(b)(7)(A)

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM
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(b)(7)(A)



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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

28-Jan-2003

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

28-Jan-2003



ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM

(S)(4)

**Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days**

28-Jan-2003

(b)(7)

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM
[Redacted Content]						

(b)(7)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

28-Jan-2003

(b)

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM
[Redacted Content]						

(b)(4)

SECRET

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

28-Jan-2003



ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

28-Jan-2003



ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM

(b) (4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days

28-Jan-2003

ROM Summary of Total BRS Costs by Work Breakdown Structure (WBS)

WBS - Description	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM
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[Redacted]						
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(b)(4)

ROM Summary of Total KBR Contract Costs by Cost Element

Cost element	Direct Cost	Overhead	Gen. & Admin.	Base Fee	Award Fee	FCCM
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[Redacted]						
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(b)(4)

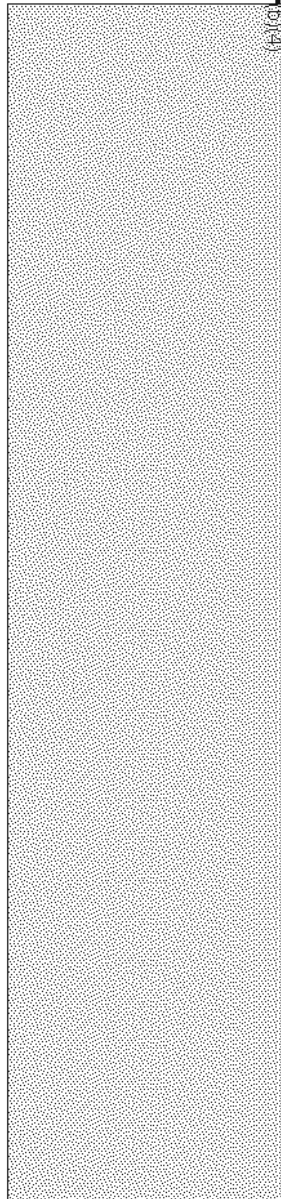
POWER GENERATION - ALTERNATE ACTION PLAN
(Reference Tab K to Appendix 2 Annex F)

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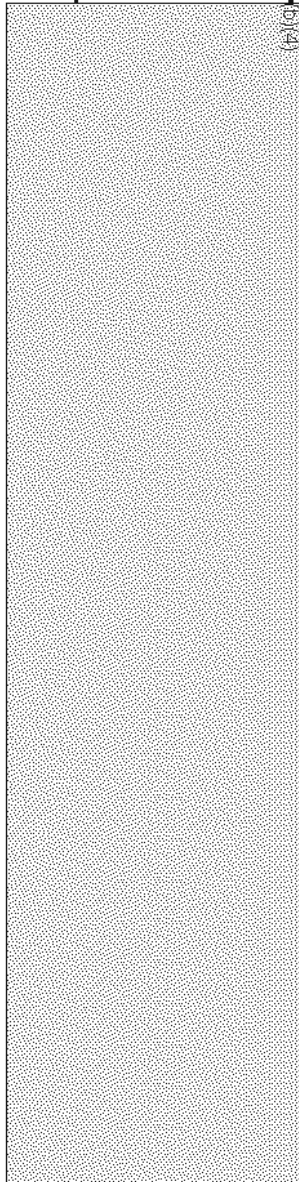
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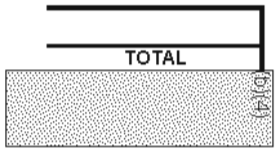
(b)(7)

TOTAL

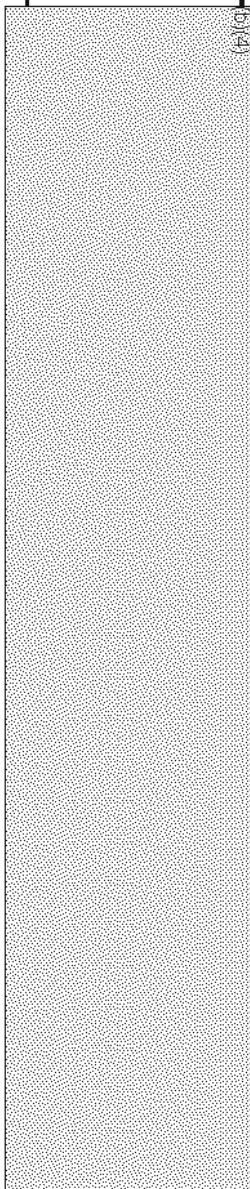
TOTAL



(b)(7)(G)

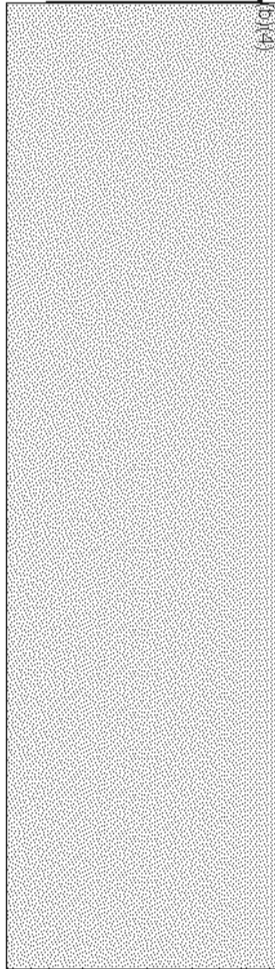


TOTAL

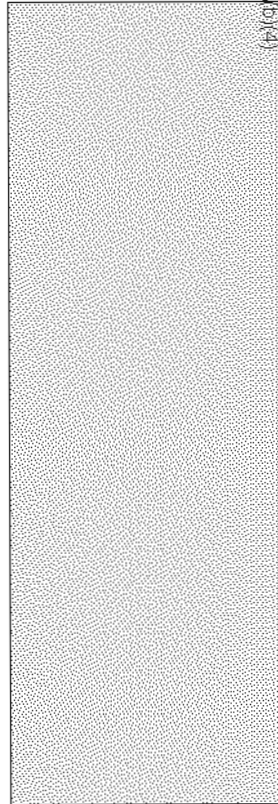


TOTAL

TOTAL



TOTAL



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

Camp Construction & Operations/Maintenance -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BR5 Contract Cost	FSS Cost
(b)(4)							

Abbreviations Key / Legend

Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:
 A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

**Summary Subtotals
 By Cost Element**

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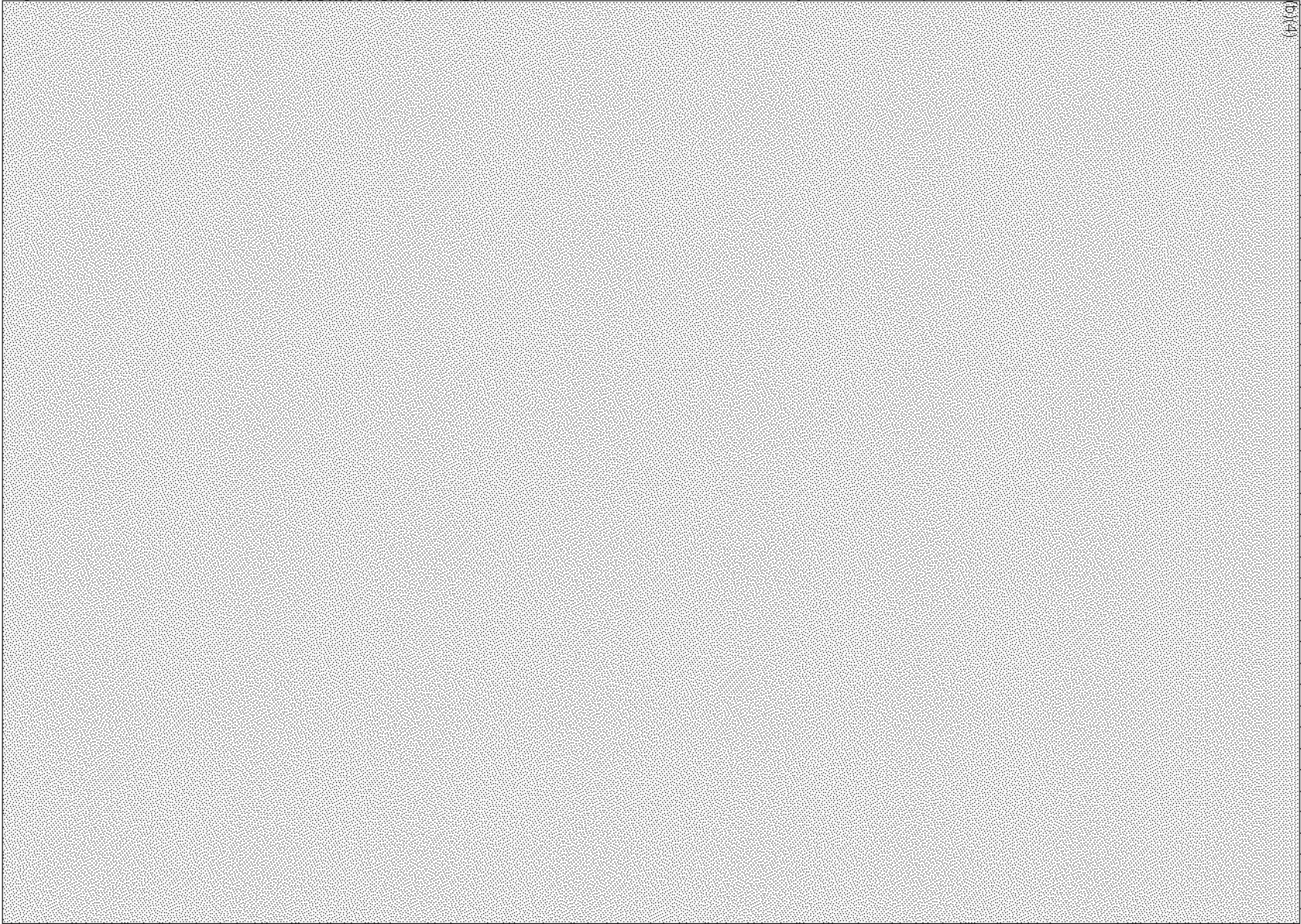
Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Management & Administration (M&A) -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform		Monthly Direct Labor Costs					Monthly O/LBC (Burdens)			Monthly ODC's	TOTAL COST	
					Total Days	Base Pay (40 hrs/wk)	Extended Schedule Pay (240 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	O/LBC Subtotal		Total Period	
<div style="position: absolute; right: 0; top: 50%; transform: translateY(-50%); font-size: 24px; font-weight: bold;">(b) (4)</div>																	

Totals and Corporate Overheads, Fees, and FCCM			
Labor	O/LBC	ODC	Total Period
<div style="position: absolute; right: 0; top: 50%; transform: translateY(-50%); font-size: 24px; font-weight: bold;">(b) (4)</div>			

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
Management & Administration (M&A) -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
			CONSTRUCTION EQUIPMENT			\$ -	\$ -



(b)(7)(G)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
Management & Administration (M&A) -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost

(b)(3)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Management & Administration (M&A) -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[REDACTED]							

Abbreviations Key / Legend

Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:
 A - Actual Unit Pricing based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

**Summary Subtotals
 By Cost Element**

[REDACTED]							
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
Management & Administration (M&A) -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							

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Logistics Civil Augmentation Program (LOGCAP)
FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 WBS 11 - DBA & CIGNA Insurance -- Labor (L)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
<div style="border: 1px solid black; width: 100%; height: 100%; background-color: #cccccc; opacity: 0.5;"></div>				

(b) (4)

Abbreviations Key / Legend

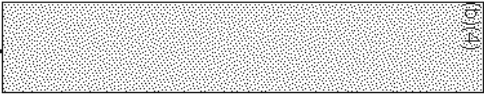
Origin:
 - Imported
 L - Local Procurement

NOTE:
 Defense Base Act Insurance (DBA) is based on in-country expatriate payroll total direct labor and uplifts as defined on the Cost Parameters Table.

Summary Subtotals

<i>Cost Element</i>	<i>Cost Element</i>
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(b) (4)



(b)(4)

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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MMBBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WBS 43 - Interim Transit -- Labor (L)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
(b) (4)				

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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MMBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WBS 13 - Interim Transit -- Labor (L)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
(S)(A)				

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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MMBBL)
IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Interim Transit -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

<i>Abbreviations Key / Legend</i>		<i>Summary Subtotals</i>	
		<i>By Cost Element</i>	
Cost Element:	Pricing Source:	Origin:	(b)(4)
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported	
MAT - Material	H - Historical Unit Pricing	L - Local Procurement	
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply	
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing		
	B - See Proposal Narrative		

Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ASSESSMENT -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			Monthly OBC's	TOTAL COST
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Language Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal		Total Period

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Totals and Corporate Overheads, Fees, and FCCM				
<i>Labor</i>	<i>OLRC</i>	<i>ODC</i>	<i>Total Period</i>	

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 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1MMBBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ASSESSMENT -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							

Abbreviations Key / Legend

Cost Element:	Pricing Source:	Origin:
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported
MAT - Material	H - Historical Unit Pricing	L - Local Procurement
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing	
	B - See Proposal Narrative	

**Summary Subtotals
By Cost Element**

(b) (4)	
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Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 DESIGN & ENGINEERING -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			Monthly ODC's	TOTAL COST
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal		Total Period

(b) (4)															
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Totals and Corporate Overheads, Fees, and FCCM				
	Labor	OLRC	ODC	Total Period

(b) (4)				
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Headcount Totals

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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MMBBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 DESIGN & ENGINEERING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b) (4)							

Abbreviations Key / Legend

Cost Element:	Pricing Source:	Origin:
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported
MAT - Material	H - Historical Unit Pricing	L - Local Procurement
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing	
	B - See Proposal Narrative	

*Summary Subtotals
By Cost Element*

(b) (4)	
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~~SECRET~~
 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE

IRAQI ENERGY INFRASTRUCTURE WORK

Period of Performance: 943 Days
 Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform Total Days	Monthly Direct Labor Costs							Monthly DLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	DLRC Subtotal	Monthly DBE's	Total Period	

[REDACTED]																
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(b)(4)

SECRET
Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE

IRAQ ENERGY INFRASTRUCTURE WORK

Period of Performance: 943 Days
Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform Total Days	Monthly Direct Labor Costs						Monthly DLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/Mk)	Extended Schedule Pay (>40 hrs/Mk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	DLRC Subtotal	Monthly DBE's	Total Period
[Redacted Content]																

Totals and Corporate Overheads, Fees, and FCCM				
Labor	OLRC	DOC	Total Period	

[Redacted Content]				
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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

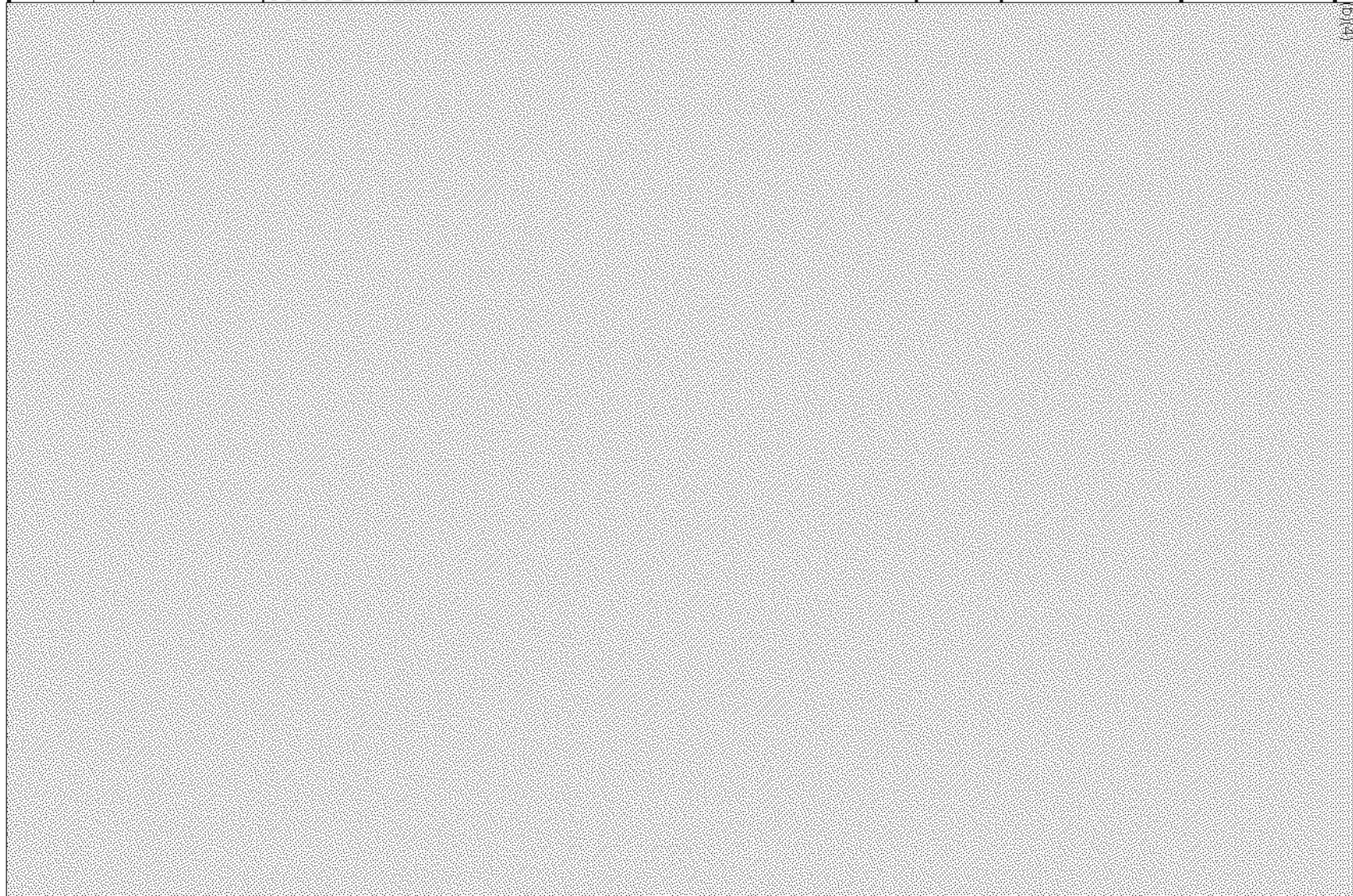
IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
			IRAQ ENERGY INFRASTRUCTURE DIRECT COSTS - (By Field)				
			SEE WORST CASE ROM FOR DETAILS ON AVERAGE COST PER WELL				
			COSTS BY FIELD				



(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[REDACTED]							

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)

[Redacted Content]							
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**Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)**

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (4)							
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)							
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~~SECRET~~
 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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(b) (7) (C)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (4)							
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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(6)							
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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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(b)(4)

~~SECRET~~
 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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(b) (7) (C)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (4)							
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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

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(P)(3)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQI ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (4)							
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 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)							
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 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[REDACTED]							
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (4)							
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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)							
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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (4)							
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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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(b)(4)

**Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)**

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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(P. 6)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[REDACTED]							
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(b)(4)

**Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)**

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQI ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

<i>Abbreviations Key / Legend</i>			<i>Summary Subtotals By Cost Element</i>	
<p>Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs</p>	<p>Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative</p>	<p>Origin: I - Imported L - Local Procurement FSS - Federal Supply</p>	(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 POWER GENERATION -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Language Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OLRC's	Total Period
[Redacted Content]																

<i>Totals and Corporate Overheads, Fees, and FCCM</i>				
<i>Labor</i>	<i>OLRC</i>	<i>ODC</i>	<i>Total Period</i>	
[Redacted Content]				

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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MMBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
POWER GENERATION -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	ERS Contract Cost	FSS Cost
[REDACTED]							

Abbreviations Key / Legend		Summary Subtotals	
		<i>By Cost Element</i>	
Cost Element:	Pricing Source:	Origin:	
EDP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported	
MAT - Material	H - Historical Unit Pricing	L - Local Procurement	
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply	
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing		
	B - See Proposal Narrative		

Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 GAS PLANTS & PIPING -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLCR (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden(%)	Payroll Burdens	OLCR Subtotal	Monthly ODC's	Total Period

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Totals and Corporate Overheads, Fees, and FCCM				
	Labor	OLCR	ODC	Total Period

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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b) (4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
<i>Abbreviations Key / Legend</i>						<i>Summary Subtotals</i>	
<i>By Cost Element</i>							
Cost Element:		Pricing Source:		Origin:		(b)(4)	
EQP - Equipment		A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.		I - Imported			
MAT - Material		H - Historical Unit Pricing		L - Local Procurement			
SUB - Subcontracts		When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.		FSS - Federal Supply			
ODC - Other Direct Costs		Q - Vendor Quotation Unit Pricing					
		B - See Proposal Narrative					

Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 OIL PIPELINE -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			Monthly OBC's	TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal		Total Period	

(b) (4)															
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<i>Totals and Corporate Overheads, Fees, and FCCM</i>				
	Labor	OLRC	ODC	Total Period

(b) (4)				
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
OIL PIPELINE -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

<i>Abbreviations Key / Legend</i>			<i>Summary Subtotals</i>	
			<i>By Cost Element</i>	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs	Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative	Origin: - Imported - Local Procurement FSS - Federal Supply	(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)
FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WATER INJECTION PLANTS -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform. Total Days	Monthly Billed Labor Costs						Monthly OLRC (Burdens)			Monthly ODC's	TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden(%)	Payroll Burdens	OLRC Subtotal		Total Period	

[Redacted Data]																(b)(4)
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<i>Totals and Corporate Overheads, Fees, and FCCM</i>				
	<i>Labor</i>	<i>OLRC</i>	<i>ODC</i>	<i>Total Period</i>

[Redacted Totals]					(b)(4)
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Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 PUMP STATIONS -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLCR (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (> 40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OLC's	Total Period

[Redacted Content]																
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Totals and Corporate Overheads, Fees, and FCCM				
Labor	OLRC	ODC	Total Period	

[Redacted Content]				
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Headcount Totals

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 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRA STRUCTURE
 Period of Performance: 943 Days
 PUMP STATIONS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	PRS Contract Cost	FSS Cost
[REDACTED]							

(b) (4)

Abbreviations Key / Legend

*Summary Subtotals
By Cost Element*

<p>Cost Element:</p> <p>EQ - Equipment</p> <p>MAT - Material</p> <p>SUB - Subcontract</p> <p>ODC - Other Direct Costs</p>	<p>Pricing Source:</p> <p>A - Actual Unit Pricing Based on Purchase Order/Subcontract Invoices.</p> <p>H - Historical Unit Pricing</p> <p>When the original purchase was in a foreign currency, the conversion rate to US\$ at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.</p> <p>Q - Vendor Quotation Unit Pricing</p> <p>B - See Proposal Narrative</p>	<p>Origin:</p> <p>I - Imported</p> <p>L - Local Procurement</p> <p>F - Federal Supply</p>
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(b) (4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 STABILIZATION PLANTS -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLCR (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (> 40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLCR Subtotal	Monthly ODC's	Total Period

[Redacted Content]																
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Totals and Corporate Overheads, Fees, and FCM				
	Labor	OLCR	ODC	Total Period

[Redacted Content]				
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Headcount Totals

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASES, 1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 543 Days
 REFINERIES – Labor (L)

Month	JARS Code	JARS Control Num	Workcenter	Hours Per Week	Base Salary	Job Title	Monthly Direct Labor Costs										Monthly D/R/C Burden %					TOTAL DORC	
							EXTENDED Pay	EMP. PR. % (40 hr/week)	Standard Burden % (40 hr/week)	Foreign Service Bonus	Area Differential	Danger Pay Class	Danger Pay	W/C Ret. Overhead	Labor @ (Rate)	Payroll Burden %	DBA Rate	Payroll Burden %	DBA Insurance	MREIOL Insurance	OLRC Burden %	DORC Amount	Monthly DORC
[REDACTED]																							

b3, b7(D)

Totals and Corporate Overheads, Fees, and FCCM									
Month	1 mo. Period	Total Period							
Month	1 mo. Period	Total Period	LABOR	DBA	DBA	DBA	DBA	DBA	DBA
[REDACTED]									

b3, b7(D)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[REDACTED]							

(b)(4)

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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (6)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b) (4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

(b)(4)

Abbreviations Key / Legend

Cost Element:
EQP - Equipment
MAT - Material
SUB - Subcontracts
ODC - Other Direct Costs

Pricing Source:
A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
H - Historical Unit Pricing
When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
Q - Vendor Quotation Unit Pricing
B - See Proposal Narrative

Origin:
I - Imported
L - Local Procurement
FSS - Federal Supply

Summary Subtotals
By Cost Element

(b)(4)	
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 INTERMEDIATE STORAGE TERMINAL -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST	
						Base Pay (30 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly ODC's	Total Period

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<i>Totals and Corporate Overheads, Fees, and FCCM</i>				
	<i>Labor</i>	<i>OLRC</i>	<i>ODC</i>	<i>Total Period</i>

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 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1MMBBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 INTERMEDIATE STORAGE TERMINAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

<i>Abbreviations Key / Legend</i>			<i>Summary Subtotals By Cost Element</i>	
Cost Element:	Pricing Source:	Origin:	(b)(4)	
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported		
MAT - Material	H - Historical Unit Pricing	L - Local Procurement		
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply		
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing			
	B - See Proposal Narrative			

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 EXPORT TERMINAL -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Language Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OBC's	Total Period
[Redacted Content]																

Totals and Corporate Overheads, Fees, and FCCM				
Labor	OLRC	ODC	Total Period	

[Redacted Content]				
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~~SECRET~~
 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1MMBBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 EXPORT TERMINAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[REDACTED]							

(b) (4)

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

<p>Cost Element:</p> <p>EQP - Equipment</p> <p>MAT - Material</p> <p>SUB - Subcontracts</p> <p>ODC - Other Direct Costs</p>	<p>Pricing Source:</p> <p>A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.</p> <p>H - Historical Unit Pricing</p> <p>When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.</p> <p>Q - Vendor Quotation Unit Pricing</p> <p>B - See Proposal Narrative</p>	<p>Origin:</p> <p>I - Imported</p> <p>L - Local Procurement</p> <p>FSS - Federal Supply</p>
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(b) (4)

Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 OPERATION & MAINTENANCE -- Labor (L)

Payroll	Name		INPUT TF / MTF	Do Not Delete FORMULAS	INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs					Monthly OLRC (Burdens)			Monthly DDC's	TOTAL COST Total Period
	Last	First									Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens		

(b) (4)																				
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															Totals and Corporate Overheads, Fees, and FCCM			
															Labor	OLRC	DDC	Total Period
(b) (4)																		

[Barcode]

~~SECRET~~
Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (MOST PROBABLE CASE 3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
OPERATION & MAINTENANCE -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Abbreviations Key / Legend

Cost Element:	Pricing Source:	Origin:
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported
MAT - Material	H - Historical Unit Pricing	L - Local Procurement
SUB - Subcontract	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PD was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PD.	FSS - Federal Supply
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing	
	B - See Proposal Narrative	

**Summary Subtotals
By Cost Element**

(b)(4)	
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Logistics Civil Augmentation Program (LOGCAP)
 FORM TEMPLATE (MOST PROBABLE CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ENVIRONMENTAL -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			Monthly OLRC's	TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Language Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal		Total Period	

(b) (4)															
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<i>Totals and Corporate Overheads, Fees, and FCCM</i>				
	Labor	OLRC	ODC	Total Period

(b) (4)				
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Headcount Totals

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 Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (MOST PROBABLE CASE-3.1 MMBBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ENVIRONMENTAL - Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							

Abbreviations Key / Legend

Cost Element:	Pricing Source:
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
MAT - Material	H - Historical Unit Pricing
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing
	B - See Proposal Narrative

Summary Subtotals

By Cost Element

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

(b) (4)

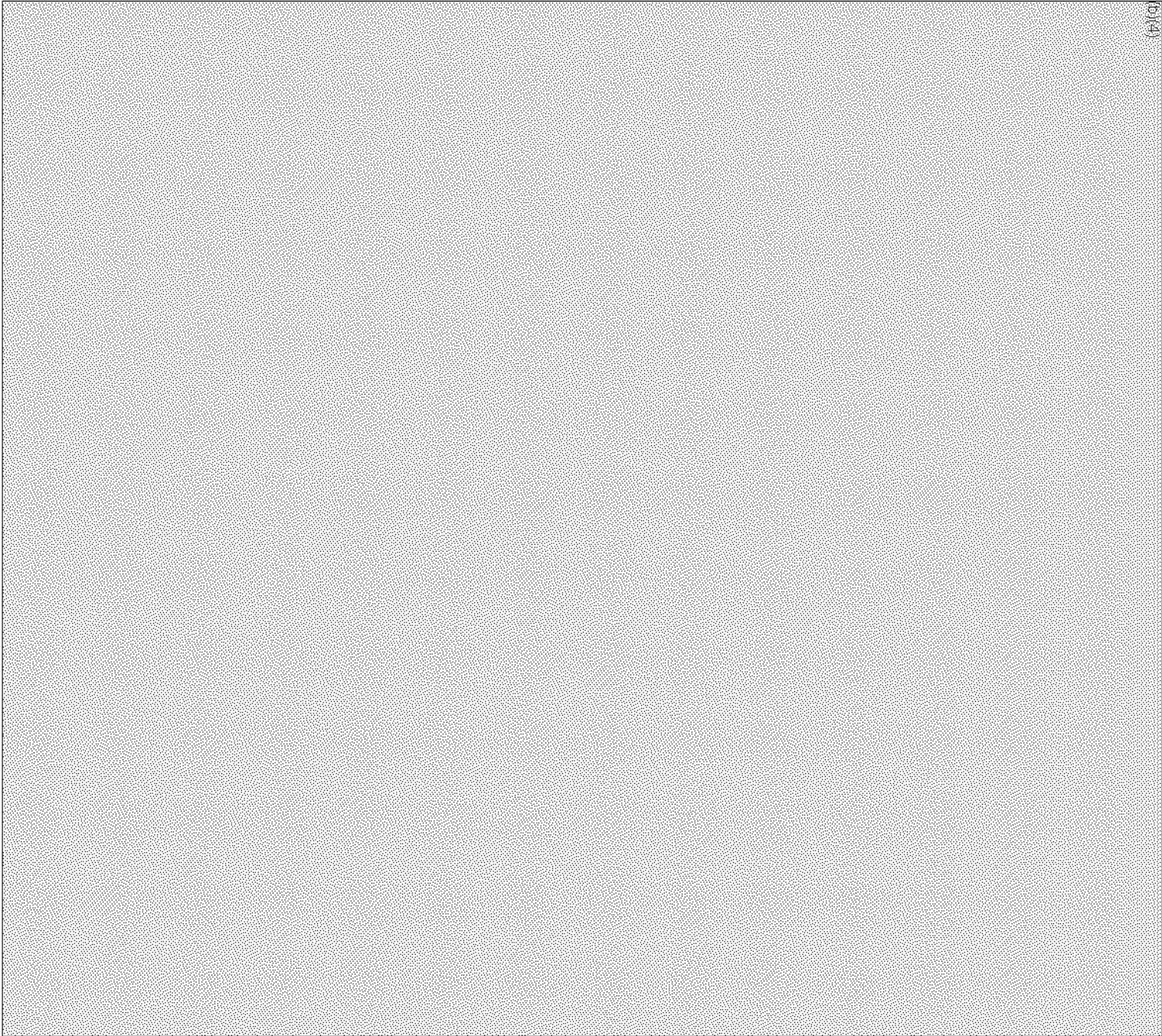
ROM Employee Roster

Level Code	Job Code	Payroll	Department	Job Description	Salary Data	
					Base Monthly	Hourly Pay

(b) (4)						
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BROWN & ROOT SERVICES
LOGISTICS CIVIL AUGMENTATION PROGRAM (LOGCAP)
PARAMETERS TABLE

(b)(4)



BRS Government Operations

a division of Kellogg Brown & Root Inc.

Logistics Civil Augmentation Program (LOGCAP)

Contract # DAAA09-02-D-0007

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

24-Jan-2003

Brown & Root Services Proprietary Data - See FAR 3.104

NOTE: In addition to protection under Federal Acquisition Regulation 3.104, this document contains information which may be withheld from the public because disclosure would cause a foreseeable harm to an interest protected by one or more Exemptions of the Freedom of Information Act, 5 USC Section 552. Furthermore, it is requested that any Government entity receiving this information act in accordance with DoD 5400.7-R, and consider this information as being for official use only (FOUO), and mark, handle and store this information so as to prevent unauthorized access.

**Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days**

ROM ASSUMPTIONS / NOTES (Additional Assumptions included on Task Execution Plan (TEP):

Reference ROM Basis of Estimate and Oil Field ROM Assumptions

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
Camp Construction & Operations/Maintenance -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							

Abbreviations Key / Legend

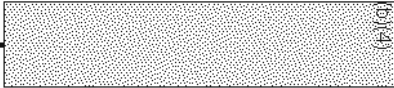
Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:
 A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

Summary Subtotals
By Cost Element

(b) (4)	
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Management & Administration (MSA) -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance		Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST	
					Total Days	Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly ODC's	Total Period	

(b)(4)																
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Totals and Corporate Overheads, Fees, and FCCM			
Labor	OLRC	ODC	Total Period

(b)(4)			
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
Management & Administration (M&A) -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
Management & Administration (M&A) -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
Management & Administration (M&A) -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							
Abbreviations Key / Legend						Summary Subtotals	
						By Cost Element	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs		Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative		Origin: I - Imported L - Local Procurement FSS - Federal Supply		(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE 3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 WBS 11 - DBA & CIGNA Insurance -- Labor (L)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
(b)(4)				

Abbreviations Key / Legend	Summary Subtotals	
	Cost Element	Cost Element
Origin: I - Imported L - Local Procurement NOTE: Defense Base Act Insurance (DBA) is based on in-country expatriate payroll total direct labor and uplifts as defined on the Cost Parameters Table.	(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)

ROM TEMPLATE (WORST CASE-3.1 MMBL)

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

WBS 12 - Freight -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
(b) (4)				

Abbreviations Key / Legend		Summary Subtotals	
		Cost Element	Cost Element
Origin: I - Imported L - Local Procurement			
NOTES: BRS will utilize a composite rate based on BRS expertise on similar projects for freight on all items attributed to be non- imported @ source. As LOGCAP III historical data is entered, the estimated composite rate will be adjusted. Only Actual costs of Freight will be billed.		(b) (4)	

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WBS 13 - Interim Transit -- Labor (L)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
(b) (4)				

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WBS 13 - Interim Transit -- Labor (L)

Total Quantity	Unit of Measure	Cost Element	Item Description	Cost
(b) (4)				

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 Interim Transit -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Reference				BRS Contract Cost	FSS Cost
					Procurement Source	Line No.	Pricing Source	Origin		
(S)(4)										

Abbreviations Key / Legend			Summary Subtotals	
<p>Cost Element:</p> <p>EQP - Equipment</p> <p>MAT - Material</p> <p>SUB - Subcontracts</p> <p>ODC - Other Direct Costs</p>	<p>Pricing Source:</p> <p>A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.</p> <p>H - Historical Unit Pricing</p> <p>When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.</p> <p>Q - Vendor Quotation Unit Pricing</p> <p>B - See Proposal Narrative</p>	<p>Origin:</p> <p>I - Imported</p> <p>L - Local Procurement</p> <p>FSS - Federal Supply System</p>	(S)(4)	

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ASSESSMENT -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST		
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Language Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OBC's	Total Period	
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

(b) (4)

Totals and Corporate Overheads, Fees, and FCCM

Labor	OLRC	ODC	Total Period

(b) (4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE-3.1 MM BBL
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ASSESSMENT -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Content]							

(b)(4)

(b)(4)

						\$ -	\$ -
						\$ -	\$ -

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

Cost Element:	Pricing Source:	Origin:
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported
MAT - Material	H - Historical Unit Pricing	L - Local Procurement
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing	
	B - See Proposal Narrative	

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
DESIGN & ENGINEERING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							
						\$ -	\$ -
						\$ -	\$ -
						\$ -	\$ -

Abbreviations Key / Legend

Summary Subtotals

By Cost Element

Cost Element:

EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:

A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:

I - Imported
 L - Local Procurement
 FSS - Federal Supply

(b) (4)							
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL)
IRAQI ENERGY INFRASTRUCTURE

IRAQI ENERGY INFRASTRUCTURE WORK

Period of Performance: 943 Days

Includes: Oil Well Firefighting, Wellhead, Re-Drilling, Flowlines, GOSP's -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Mod of Perform Total Days	Monthly Direct Labor Costs						Monthly DLRC (Burdens)			TOTAL COST		
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	DLRC Subtotal	Monthly OBC's	Total Period	
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

(b)(4)

Totals and Corporate Overheads, Fees, and FCCM			
Labor	OLRC	DOC	Total Period

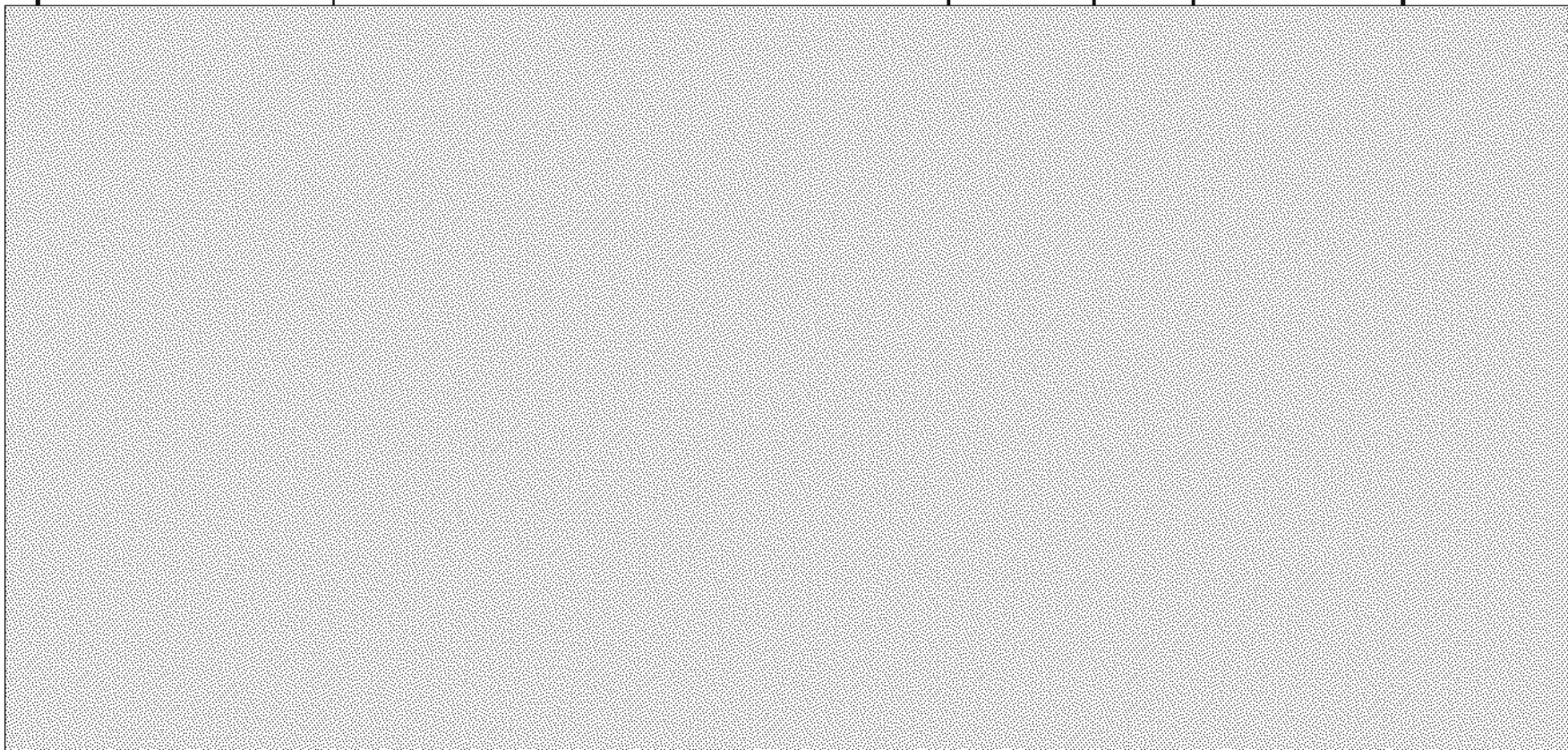
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(b)(4)

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
			IRAQ ENERGY INFRASTRUCTURE DIRECT COSTS - (By Field)				



ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (4)							
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Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(S)(4)

[Redacted Content]							
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Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[REDACTED]							

(b)(4)

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

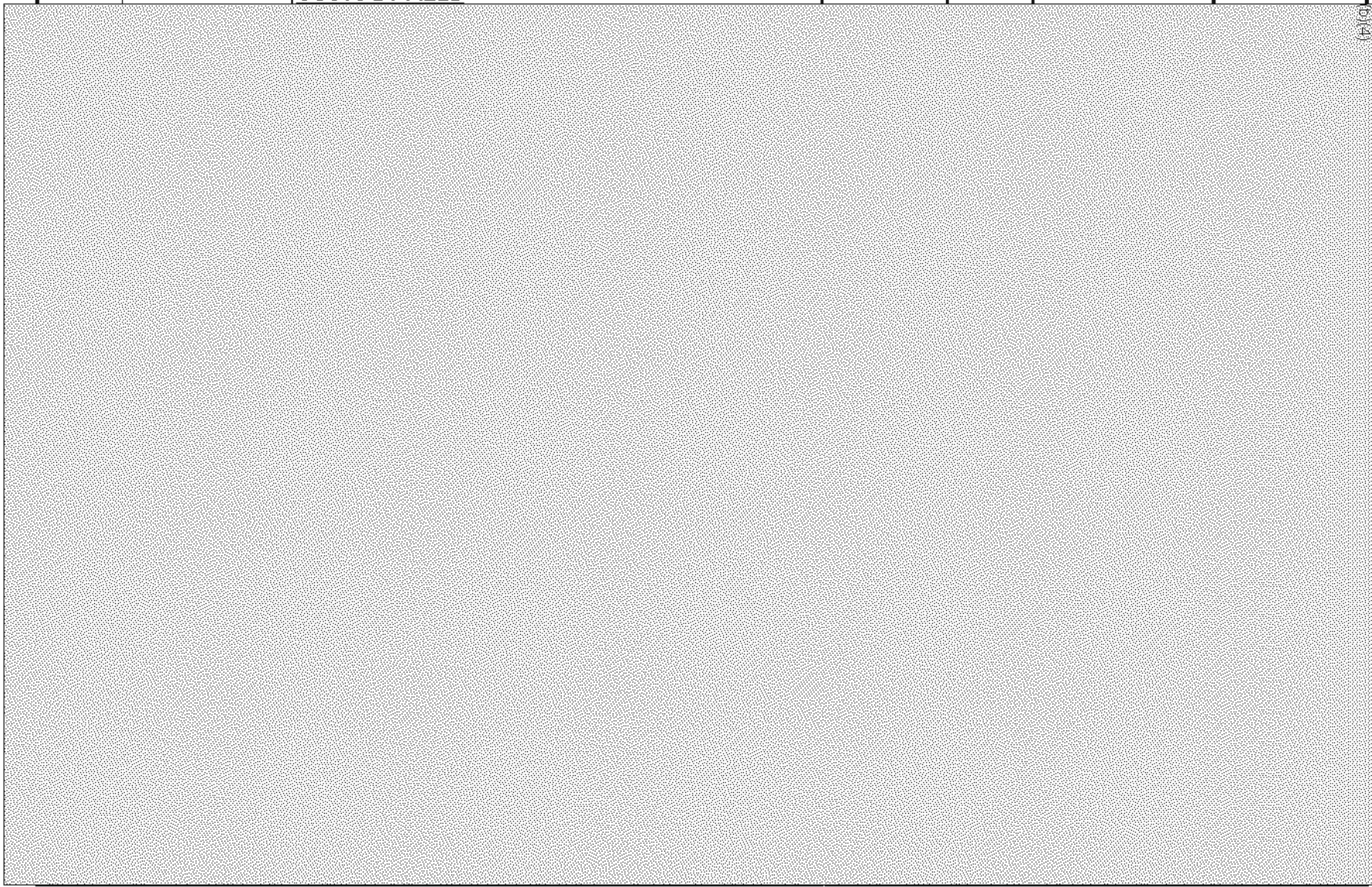
Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b) (4)							

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
			COSTS BY FIELD				



ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[REDACTED]							
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(S) (4)							

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]								(b)(4)
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Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(S) (4)							
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Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b) (4)							
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Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[REDACTED]							
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(b)(4)

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)							
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Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[REDACTED]							
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(b)(4)

SECRET

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)							
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Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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10/19

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b) (4)							

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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(b) (7)(D)

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)							
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ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

(b)(4)							
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Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

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(S)(4)

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[REDACTED]							

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

~~SECRET~~

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[Redacted Content]							
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~~SECRET~~

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[Redacted Content]							

(b)(4)

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts

Pricing Source:
 A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

[Redacted Summary Subtotals]	
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROM TEMPLATE (WORST CASE-3.1 MM BBL

IRAQI ENERGY INFRASTRUCTURE

Period of Performance: 943 Days

IRAQ ENERGY INFRASTRUCTURE WORK

Includes: Oil Well Firefighting, Wellheads, Re-Drilling, Flowlines, GOSP's -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
		ODC - Other Direct Costs	time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative				

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 POWER GENERATION -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform- Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OBC's	Total Period

(b) (4)														
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Totals and Corporate Overheads, Fees, and FCCM				
Labor	OLRC	ODC	Total Period	

(b) (4)				
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
POWER GENERATION -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
						\$ -	\$ -
			POWER GRID REPAIRS			\$ -	\$ -

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
POWER GENERATION -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Table Content]							

(b)(4)

(b)(4)

<i>Abbreviations Key / Legend</i>			<i>Summary Subtotals</i>	
			<i>By Cost Element</i>	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs	Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative	Origin: I - Imported L - Local Procurement FSS - Federal Supply		

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 GAS PLANTS & PIPING -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OBC's	Total Period
[Redacted Content]																

Totals and Corporate Overheads, Fees, and FCCM				
Labor	OLRC	ODC	Total Period	
[Redacted Content]				

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b) (4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(7)(D)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
GAS PLANTS & PIPING -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Content]							

(b)(4)

(b)(4)

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

Cost Element:

- EQP - Equipment
- MAT - Material
- SUB - Subcontracts
- ODC - Other Direct Costs

Pricing Source:

- A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
- H - Historical Unit Pricing
- When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
- Q - Vendor Quotation Unit Pricing
- B - See Proposal Narrative

Origin:

- I - Imported
- L - Local Procurement
- FSS - Federal Supply

Logistics Civil Augmentation Program (LOGCAP)

SECRET

ROOM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 OIL PIPELINE -- Labor (L)

Payroll	Name		INPUT TF / NTF	Do Not Delete FORMULAS	INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs					Monthly OLRC (Burden)			TOTAL COST	
	Last	First									Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burden	OLRC Subtotal	Monthly DDC's

[Redacted Data]																					
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(b) (4)

																		Totals and Corporate Overheads, Fees, and FCCM			
																		Labor	OLRC	DDC	Total Period
																		[Redacted Totals]			

(b) (4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
OIL PIPELINE -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							
						\$ -	\$ -
						\$ -	\$ -
						\$ -	\$ -
Abbreviations Key / Legend						Summary Subtotals	
						By Cost Element	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs		Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative		Origin: I - Imported L - Local Procurement FSS - Federal Supply		(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 WATER INJECTION PLANTS -- Labor (L)

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform. Total Days	Monthly Billed Labor Costs						Monthly OLRC (Burdens)			Monthly ODC's	TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden(%)	Payroll Burdens	OLRC Subtotal		Total Period	
[REDACTED]																	
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

Totals and Corporate Overheads, Fees, and FCM			
Labor	OLRC	ODC	Total Period
[REDACTED]			

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WATER INJECTION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		

[REDACTED]							
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WATER INJECTION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[REDACTED]							

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
WATER INJECTION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							
Abbreviations Key / Legend						Summary Subtotals	
						By Cost Element	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs		Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative		Origin: I - Imported L - Local Procurement FSS - Federal Supply		(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 PUMP STATIONS -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OBC's	Total Period
[Redacted Content]																

(b)(4)

<i>Totals and Corporate Overheads, Fees, and FCCM</i>				
Labor	OLRC	ODC	Total Period	

[Redacted Content]				
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(b)(4)

Headcount Totals

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
PUMP STATIONS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
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(b)(4)							
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Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
PUMP STATIONS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Content]							

(b)(4)

Abbreviations Key / Legend			Summary Subtotals	
			By Cost Element	
Cost Element:	Pricing Source:	Origin:	[Redacted Content]	
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported		
MAT - Material	H - Historical Unit Pricing	L - Local Procurement		
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply		
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing			
	B - See Proposal Narrative			

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 STABILIZATION PLANTS -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Perform Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OBC's	Total Period
(b) (4)																
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Totals and Corporate Overheads, Fees, and FCCM			
Labor	OLRC	ODC	Total Period

(b) (4)			
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Headcount Totals

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
STABILIZATION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
STABILIZATION PLANTS -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

Abbreviations Key / Legend			Summary Subtotals	
			By Cost Element	
Cost Element:	Pricing Source:	Origin:	(b)(4)	
EQP - Equipment	A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.	I - Imported		
MAT - Material	H - Historical Unit Pricing	L - Local Procurement		
SUB - Subcontracts	When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.	FSS - Federal Supply		
ODC - Other Direct Costs	Q - Vendor Quotation Unit Pricing			
	B - See Proposal Narrative			

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[REDACTED]							

(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b) (4)							

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
REFINERIES -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

<i>Abbreviations Key / Legend</i>			<i>Summary Subtotals</i>	
			<i>By Cost Element</i>	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs	Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative	Origin: I - Imported L - Local Procurement FSS - Federal Supply	(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
INTERMEDIATE STORAGE TERMINAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
[Redacted Content]							

(b)(4)

Abbreviations Key / Legend

**Summary Subtotals
By Cost Element**

Cost Element:
 EQP - Equipment
 MAT - Material
 SUB - Subcontracts
 ODC - Other Direct Costs

Pricing Source:
 A - Actual Unit Pricing Based upon Purchase Order/Subcontract values.
 H - Historical Unit Pricing
 When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO.
 Q - Vendor Quotation Unit Pricing
 B - See Proposal Narrative

Origin:
 I - Imported
 L - Local Procurement
 FSS - Federal Supply

[Redacted Content]	
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(b)(4)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 EXPORT TERMINAL -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			Monthly OBC's	TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Language Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal		Total Period	

(b)(4)																
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Totals and Corporate Overheads, Fees, and FCCM			
Labor	OLRC	ODC	Total Period

(b)(4)			
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Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE-3.1 MM BBL
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 EXPORT TERMINAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
(b)(4)							
						\$ -	\$ -
						\$ -	\$ -
Abbreviations Key / Legend						Summary Subtotals By Cost Element	
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs		Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative		Origin: I - Imported L - Local Procurement FSS - Federal Supply System		(b)(4)	

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE-3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 OPERATION & MAINTENANCE – Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs						Monthly DLRC (Burdens)			TOTAL COST	
						Base Pay (40 hrs/wk)	Extended Schedule Pay (>40 hrs/wk)	Foreign Service Bonus	Area Differential	Danger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	DLRC Subtotal	Monthly DDC's	Total Period

[Redacted Content]																
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(b)(4)

Totals and Corporate Overheads, Fees, and FCCM			
Labor	DLRC	DDC	Total Period

[Redacted Content]			
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(b)(4)

Headcount Totals

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE 3.1 MM BBL)
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ENVIRONMENTAL -- Labor (L)

SECRET

INPUT Job Code	Job Description	Headcount	Hours Per Week	Base Salary	Period of Performance Total Days	Monthly Direct Labor Costs						Monthly OLRC (Burdens)			TOTAL COST		
						Base Pay (40 hrs/wk)	Extended Schedule Pay (~40 hrs/wk)	Foreign Service Bonus	Area Differential	Banger Pay	Labor Subtotal	Payroll Burden (%)	Payroll Burdens	OLRC Subtotal	Monthly OBC's	Total Period	
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

(b) (4)

Totals and Corporate Overheads, Fees, and FCCM				
Labor	OLRC	ODC	Total Period	

(b) (4)

Headcount Totals

Logistics Civil Augmentation Program (LOGCAP)
ROM TEMPLATE (WORST CASE-3.1 MM BBL
IRAQI ENERGY INFRASTRUCTURE
Period of Performance: 943 Days
ENVIRONMENTAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement	BRS Contract Cost	FSS Cost
					Origin		
[REDACTED]							

(b)(7)(F)

Logistics Civil Augmentation Program (LOGCAP)
 ROM TEMPLATE (WORST CASE-3.1 MM BBL
 IRAQI ENERGY INFRASTRUCTURE
 Period of Performance: 943 Days
 ENVIRONMENTAL -- Non-Labor (NL)

Total Quantity	Unit of Measure	Cost Element	Item Description	Unit Cost	Procurement Origin	BRS Contract Cost	FSS Cost
(b)(4)							

(b)(4)

(b)(4)

Abbreviations Key / Legend			Summary Subtotals
			By Cost Element
Cost Element: EQP - Equipment MAT - Material SUB - Subcontracts ODC - Other Direct Costs	Pricing Source: A - Actual Unit Pricing Based upon Purchase Order/Subcontract values. H - Historical Unit Pricing When the original purchase was in a foreign currency, the conversion rate to USD at the time the PO was awarded and identified herein as the historical unit price. The conversion rate is identified on the face of the PO. Q - Vendor Quotation Unit Pricing B - See Proposal Narrative	Origin: I - Imported L - Local Procurement FSS - Federal Supply	(b)(4)

ROM Employee Roster

Level Code	Job Code	Payroll	Department	Job Description	Salary Data	
					Base Monthly	Hourly Pay
[REDACTED]						

(S) (A)

BROWN & ROOT SERVICES
LOGISTICS CIVIL AUGMENTATION PROGRAM (LOGCAP)
PARAMETERS TABLE

(S)