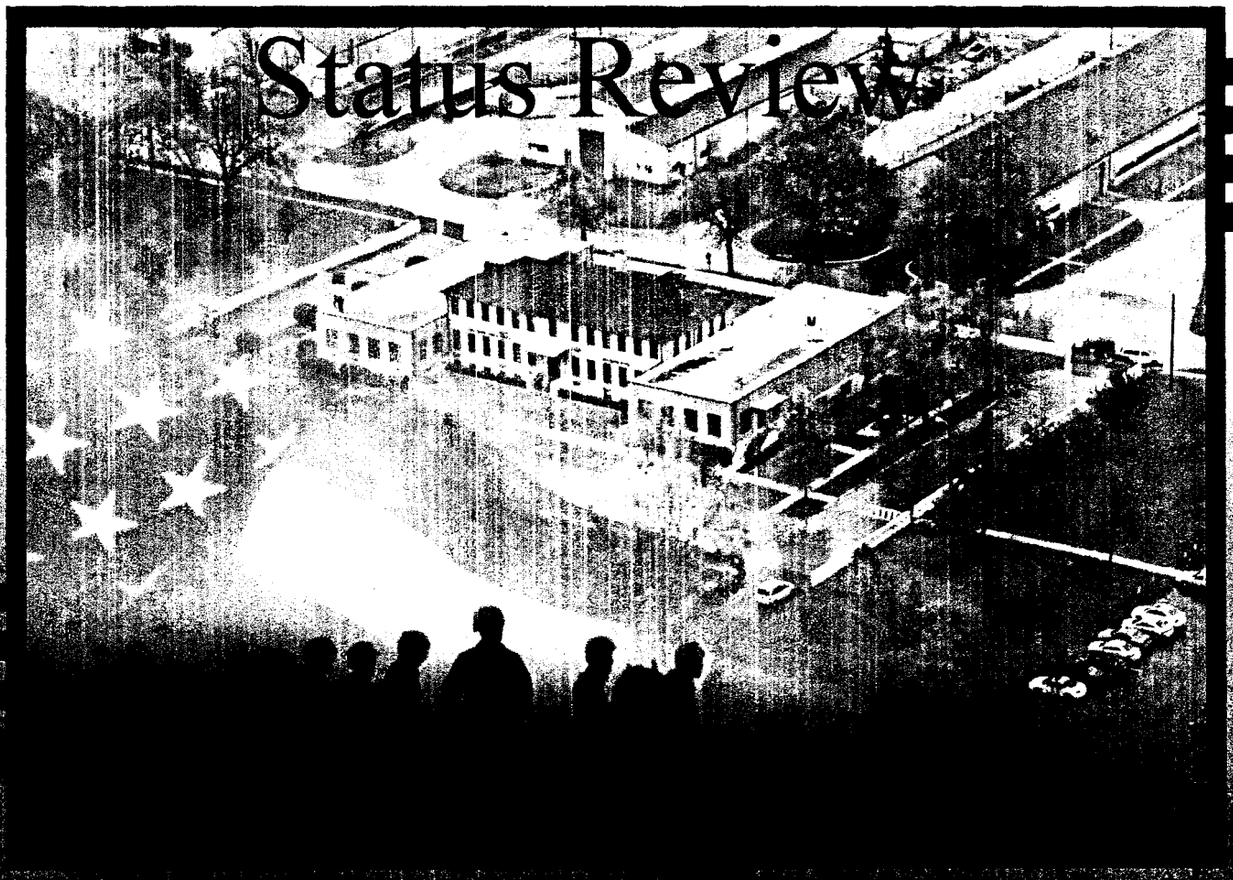
GROUND SYSTEMS
INDUSTRIAL ENTERPRISE
RED RIVER

Industrial Base Status Review



★ SUSTAINING AND IMPROVING JOINT GROUND COMBAT POWER ★

TAB 1 **SCENARIO IND-0063 (MX 1.1A) LOSING**

- **A CERTIFICATION STATEMENTS**
- **B INDUSTRIAL TEMPLATE**
- **C SCENARIO**
- **D WHITE PAPER (TACTICAL MISSILE)**
- **E QUESTIONS/W BACKUP**

  - **E.1 AMC0001**
  - **E.2 AMC0002**
  - **E.3 AMC0003**
  - **E.4 AMC0004**
  - **E.5 AMC0005**
  - **E.6 AMC0006**
  - **E.7 AMC0007**
  - **E.8 AMC0008**
  - **E.9 AMC0009**
  - **E.10 AMC0010**
  - **E.11 AMC0011**

TAB 2 **SCENARIO IND-0073 (MX 1.2A) GAINING**

- **F CERTIFICATION STATEMENT**
- **G INDUSTRIAL TEMPLATE**
- **H SCENARIO**
- **I QUESTIONS**

  - **I.1 AMC0001**
  - **I.2 AMC0002**
  - **I.3 AMC0003**
  - **I.4 AMC0004**
  - **I.5 AMC0005**
  - **I.6 AMC0006**
  - **I.7 AMC0007**
  - **I.8 AMC0008**
  - **I.9 AMC0009**
  - **I.10 AMC0010**
  - **I.11 AMC0011**

A) LOSING

J CERTIFICATION STATEMENTS
K INDUSTRIAL TEMPLATE
L SCENARIO
M WHITE PAPER (TACTICAL MISSILE)
N QUESTIONS/W BACKUP

N.1 AMC0001
N.2 AMC0002
N.3 AMC0003
N.4 AMC0004
N.5 AMC0005
N.6 AMC0006
N.7 AMC0007
N.8 AMC0008
N.9 AMC0009
N.10 AMC0010
N.11 AMC0011

TAB 4 SCENARIO IND-0093 (MX 1.4A) LOSING

O CERTIFICATION STATEMENTS
P INDUSTRIAL TEMPLATE
Q SCENARIO
R WHITE PAPER (TACTICAL MISSILE)
S QUESTIONS/W BACKUP

S.1 AMC0001
S.2 AMC0002
S.3 AMC0003
S.4 AMC0004
S.5 AMC0005
S.6 AMC0006
S.7 AMC0007
S.8 AMC0008
S.9 AMC0009
S.10 AMC0010
S.11 AMC0011

SCENARIO
IND-0063
MX 1.1A
LOSING

	JCSG	Industrial
1.2	OSD Scenario Number	IND-0083 (63)
1.3	Scenario Name	MX 1.3A

Scenario Extract:

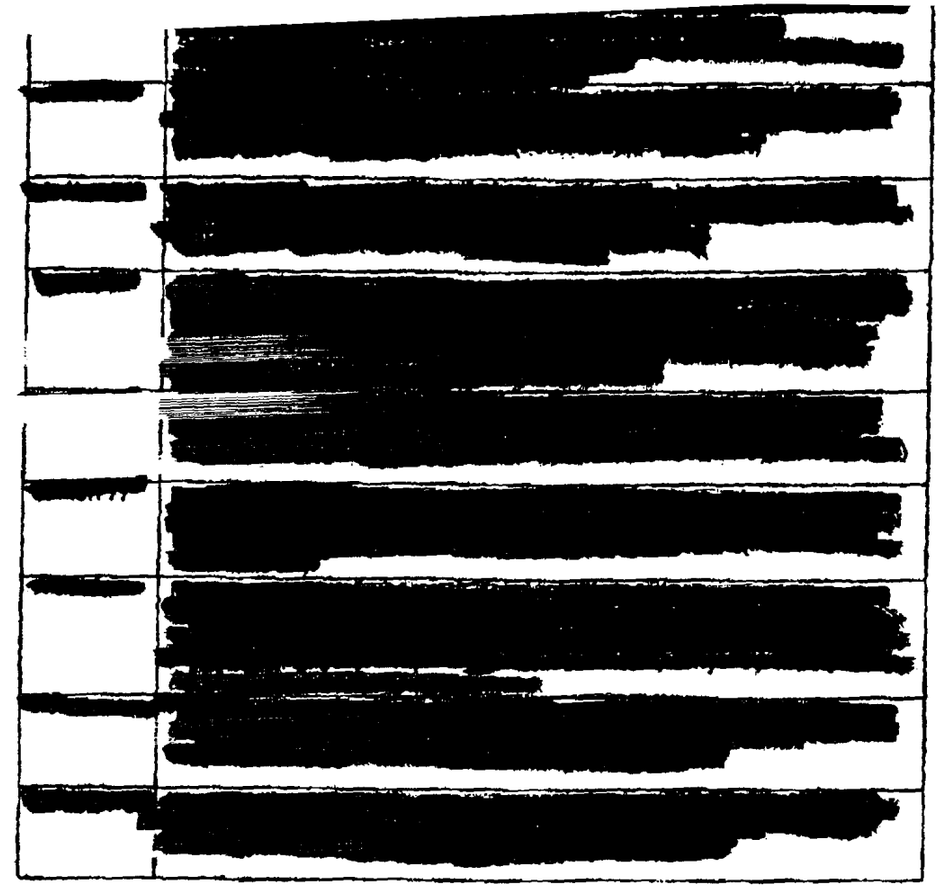
[redacted]

Realign all depot maintenance workload and capability for the commodity groups Armament and Structural Components, Combat Vehicles, Construction Equipment, Depot Fleet/Field Support, Engines/Transmissions, Fabrication and Manufacturing, Fire Control Systems and Components, Powertrain Components, Starters/Alternators/Generators, Tactical Missiles, and Tactical Vehicles from Red River Army Depot to [redacted] and disestablish capability at Red River Army Depot. [redacted]

[redacted]	
Action 47	Realign all depot maintenance workload and capacity for the commodity group ARMAMENT AND STRUCTURAL COMPONENTS from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 9.6 K DLH). Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 48	Realign all depot maintenance workload and capacity for the commodity group COMBAT VEHICLES from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 621.73 K DLH)
Action 49	Realign 146.22 K DLHs of depot maintenance workload and capacity for the commodity group CONSTRUCTION EQUIPMENT from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT. Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 50	Realign 106.61 K DLHs of depot maintenance workload and capacity for the commodity group CONSTRUCTION EQUIPMENT from RED RIVER ARMY DEPOT to MCLB ALBANY GA. Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 51	Realign 22.40 K DLHs of depot maintenance workload and capacity for the commodity group CONSTRUCTION EQUIPMENT from RED RIVER ARMY DEPOT to MCLB BARSTOW.
Action 52	Realign all depot maintenance workload and capacity for the commodity group DEPOT FLEET/FIELD SUPPORT from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 6.13 K DLH)
Action 53	Realign all depot maintenance workload and capacity for the commodity group ENGINES/TRANSMISSIONS from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 231.12 K DLH) . Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 54	Realign all depot maintenance workload and capacity for the commodity group FABRICATION AND MANUFACTURING from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 342.66 K DLH). Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 55	Realign all depot maintenance workload and capacity for the commodity group FIRE CONTROL SYSTEMS AND COMPONENTS from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 3.23 K DLH)
Action 56	Realign all depot maintenance workload and capacity for the commodity group OTHER from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = __ K DLH))
Action 57	Realign all depot maintenance workload and capacity for the commodity group POWERTRAIN COMPONENTS from RED RIVER ARMY DEPOT to MCLB BARSTOW (Average Workload (FY03/04/05) = .78 K DLH)

need hours

	group POWERTRAIN COMPONENTS from RED RIVER ARMY DEPOT to MCLB ALBANY (Average Workload (FY03/04/05) = 4.05 K DLH). Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 59	Realign all depot maintenance workload and capacity for the commodity group STARTERS/ALTERNATORS/GENERATORS from RED RIVER ARMY DEPOT to MCLB ALBANY GA (Average Workload (FY03/04/05) = 3.33 K DLH). Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 60	Realign all depot maintenance workload and capacity for the commodity group TACTICAL MISSILES from RED RIVER ARMY DEPOT to LETTERKENNY ARMY DEPOT (Average Workload (FY03/04/05) = 189.2 K DLH)
Action 61	Realign all depot maintenance workload and capacity for the commodity group TACTICAL VEHICLES from RED RIVER ARMY DEPOT to TOBYHANNA ARMY DEPOT (Average Workload (FY03/04/05) = 68.57 K DLH)
Action 62	Realign all depot maintenance workload and capacity for the commodity group TACTICAL VEHICLES from RED RIVER ARMY DEPOT to LETTERKENNY ARMY DEPOT (Average Workload (FY03/04/05) = 300.23 K DLH). Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]



IMPORTANT NOTE: Where appropriate, provide analysis of cost based on entirety of mission transferring to/from your site rather than detailed costs for each functional area within the mission.

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leted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

umber: IND-0063

ame: MX 1.1A

ction: 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

Status: AMCSO Final

acilitization Projects and Costs:

By FY, list facilitization projects and projected costs required at the **gaining** site as a result of the assumption of the industrial workload described in

ion: This question attempts to identify the projects and the costs that would be associated with realigning industrial missions to new locations. This th MCA and below-MCA threshold projects. All facilitization projects will commence in FY 07 and be concluded NLT the end of FY 08. It includes rades which would be funded directly by the government and required in order to assume the mission, e.g., power, water, and sewage. It includes ion upgrades, such as rail and road, required in order to accomplish the assumed industrial mission, e.g., increased embarkation and debarkation t does not include transportation infrastructure such as intersection upgrades and additional parking, utilities upgrades, or force protection measures result solely from the projection of an increased workforce. It does not include the installation of equipment, including clean rooms. It does not jected rate increase offsets if these upgrades would be provided by a private entity. All facilitization projects will commence in FY 07 and be NLT the end of FY 08.

We are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

the appropriate information in the following table.

Column	1	2	3	4	5	6	7
on Projects	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

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ative Comments: Red River is the losing organization in all of the actions in this scenario. Therefore, we are not required to respond to this ılly. It is however incumbent on us to identify my issues and concerns to ensure that the decision makers have complete and relevant n to make informed decisions. If the gaining organizations treat the categories of workload in this scenario as they appear on the surface a s amount of cost will go undetected. For actions 48, 53, & 54 identified to realign to Anniston and for actions 60 and 62 identified to realign nny there is a considerable amount of specialized equipment that they will be unable to identify and therefore will not be able to account radley, MLRS, and Patriot have a large amount of dedicated equipment specific to each respective system. It will be necessary to replicate of square feet to house this specialized equipment that the gaining installation will not be able to identify. If the on-going assessment hat actual workload (processes and functions) by category to be transferred is the same as the proposed gaining
ıs workload, (which it is not) then we will reach an inaccurate conclusion. Action 54 alone is a strong point in fact. Action 54 directs ıt of the commodity Fabrication and Manufacturing to Anniston. This action doesn't identify that the Rubber Products operations and embedded in this block of DLHs. Facilitization, by necessity, would be a foot for foot project to support that mission moving to another ı. There is approximately 410,000 SF unique to that operation, equipment resident currently only at RRAD and extensive environmental uirements to be met, which in the current scenario construct are not visible to the proposed gaining installation. Without identifying the pecifically by system and processes we are asking the recipient of the action to just make an uninformed submission. Since the systems er are unique to Red River and have never been assigned elsewhere, there are no technical experts in this process, except at this site. vould probably require a dedicated facility because of operational explosive limits, QD arcs, security requirements and the recertification fac
stics required for operations. We submit the attached white paper to further outline the issues for this particular mission.

pleted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

Number: IND-0063

Name: MX 1.1A

Action: 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

Status: AMCSO Final

Equipment Costs:

By FY, list major equipment directly associated with the Industrial mission described in the action and the projected costs to disassemble and pack
:mble that equipment.

:

ion: This question attempts to identify equipment and associated moving and installation costs that would be associated with realigning industrial mi
ations. This should be limited to the equipment which is essential to assume the industrial mission. In the case of ammunition production facilities, th
ıde the cost to buy new and also install equipment directly associated with the product line being gained. Depot maintenance activities are not requi
s question. All equipment shipping will commence in FY 07 if minor or no facilitization projects are required at the gaining site, and in FY 08 if the
ıces dictate otherwise. In all cases equipment transfers will be concluded NLT the end of FY 09.

-mail dated Dec. 9, 2004.

: Guidance was that Depot's do not answer this question. See Other Narrative Comments.

the appropriate information in the following table.

Column	1	2	3	4	5	6	7
ipment To Be "Moved"	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

rative Comments: Guidance dated Dec. 9, 2004 was that Depot's do not answer this question. Depot maintenance activities are not requi
s question. We understand this guidance is predicated on an equation that evolves around either acquisition cost or replacement cost.
entifying the specific essential equipment associated with each block of workload there is nothing to base an assessment on for facilitiz
iel workstations that support the capacity and capability analysis for the receiving activity. In every case, there is unique equipment ass
rocesses necessary to support specific requirements of the various systems (i.e. engines, transmissions, front end alignment, armament
lds, fluidized bed, turret alignment, automated test equipment, missile recertification, etc.) Much of that equipment is contractor suppor
es special disassembly, transportation, site preparation, installation and calibration. Site preparation alone just to support the unique
will run into the millions of dollars. In the case of action 62, Tactical Missiles to Letterkenny, this is the Patriot and HAWK missile

. This action has been studied, re-studied, evaluated and in every instance, it has been determined that this mission has remain at Red R
ment is fairly old and has been modified and updated in place. Even though this equipment is generally reliable, moving electronic test
of this nature to another site successfully and in time to not impact U.S. and FMS missile readiness is not attainable. Depreciation, it ap
eated as a wash, when in fact it has a direct impact on the cost of the product that is being charged to the customer. The move, set up,
and certification of the equipment will be a cost that will have to be charged to the programs and will increase the gaining organizations
e scope of the transferred man-hours to defer those costs. Probably not considered a cost of BRAC but it is a real cost to the Army and t

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lumber: IND-0063

lame: MX 1.1A

ction: 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

Status: AMCSO Final

Ammunition Transportation Costs:

By FY, list short tons of ammunition to be shipped and the cost to ship by ton from the **losing** site to the gaining site described in the action.

: The Red River Internal Working Group

ion: This question attempts to identify the weight (ST) quantities and costs to move ammunition result from a decision to realign industrial missions to r Assumptions to be used to calculate the tonnage to be shipped are: 1. Losing sites will fill requirements and be drawn down in place prior to filling ts from other sites (ship 1st); 2. No further receipts will be issued to losing sites; 3. Demilitarization will continue at both losing and gaining sites at the ed (funded) rate. Shipping will commence in 2008 and be concluded NLT the end of FY 10. Any facilitization required at the gaining site as a result of th nsfer will be captured in question #S0021.

ne Red River Internal Working Group

Ammunition was not a part of any of the actions to disestablish Red River. This scenario addressed the Industrial base only. See Other Narra s.

The appropriate information in the following table.

Column	1	2	3	4	5	6	7	8
on Designation	**Shipping Cost / ST**	**Short Tons to be Shipped in Scenario Years 1 thru 6**						**Comments**
		FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
TOTAL								

ative Comments: There are no actions for Red River in this scenario for Ammunition. Sitting at the bottom looking up, there is a deep conce sessment for Red River will/won't integrate all of those that reside on the industrial complex. Being a special installation under AMC carries erks and penalties in the way we account for doing business. In this Scenario, Action 60 realigns Tactical Missiles to Letterkenney. If this ac rom a simple face value process the fact that all of the missiles are stored here at Red River in the Red River Munitions Center will never get nd will not get factored into the cost associated with the realignment. Not only that, it would have a devastating effect on the operations and tomer during and after BRAC. Someone would have to pay to fix that issue.

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lame: MX 1.1A

\ction: 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

Status: AMCSO Final

Training Costs:

By FY, describe and list the training costs required in order to prepare the workforce at the **gaining** site to assume the new industrial mission described

:

ion: This question attempts to identify all employee training that would be required to support a decision to realign industrial missions to new locations. include TDY for personnel from the gaining site to the losing site and vice versa. Presume 75% of the direct labor currently performing the mission at th ocate to the gaining site. Do not include costs related to First Article Testing (FAT). In all cases assume training will commence in FY 07 and be compl

We are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

the appropriate information in the following table.

Column	1	2	3	4	5	6	7
Training at Gaining Installation	**Projected Training Costs in Scenario Years 2 thru 4**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

ative Comments: Red River is not required to identify training since we are the losing site. The guidance in the Industrial Template requires
e to make an assumption that 75% of the personnel will realign with the mission. Under that assumption, we calculate that approximately 95
ould relocate to the various sites identified in the scenario (1615 X 2,055,860 X .75 = 955). A review of the history does not support that assur
alistic assumption would be in the 5-10% range, which would further erode the transfer of corporate knowledge on each specific category of
at equipment will be transferring during the years that are required to program training and that is a necessary piece of the training, especia
ny unique pieces of equipment. The reality of the matter is that the training base will erode once the action becomes law and the quality of t
suspect. In the case of action 60 this could be devastating to that mission. It takes in excess of 3 years to fully train the certification technic
n level. Command and control is a stroke of a pen and may have its merits; however, moving this entire operation
pport the long term sustainment nor the near term readiness of this weapon system.

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leted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

umber: IND-0063

ame: MX 1.1A

ction: 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

tatus: AMCSO Final

Projects and Costs:

By FY, list the IT projects and costs required in order to assume the new mission described in the action.

on: This question attempts to identify all IT projects and costs that would be involved as a result of a decision to realign industrial missions to new locat
l include extending and modernizing IT infrastructure on the base for those requirements directly attributable to the new Industrial mission, e.g., CAD/C/
n management, technical drawings, and manuals. These may also include IT infrastructure requirements based on a per capita increase in base perso
ork station equipment which is not directly required to accomplish the Industrial mission. The timeline will equate to Facilitization projects and Equipme

We are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

he appropriate information in the following table.

Column	1	2	3	4	5	6	7
	Projected Costs in Scenario Years 1 through 6						
	FY06	FY07	FY08	FY09	FY10	FY11	Comn
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

tive Comments: Red River being the losing site in all of the actions identified for this scenario has no input. The Services (Army especially)
ng the technical data for life cycle support of many of their systems. Understandably, the PMs and PEOs are trying to squeeze as much har
dollars. This creates an issue down the road for the industrial base. We have encountered this on many systems in recent times as recent a
ent of the RECAP program for the HEMTT.

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lumber: IND-0063

lame: MX 1.1A

ıction: 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

Status: AMCSO Final

Contract Termination Costs:

By FY, list all contracts of amounts in excess of $1M with beginning and end dates which are performed at the **losing** site in direct support of the indust
n the action.

: The Red River Internal Working Group

ion: This question attempts to identify all contracts that would need to be terminated, moved, or comp[eted and awarded at a new site that would result
realign industrial missions to new locations. Provide a contract termination estimate for any contract which concludes after FY 09 that would include su
ude any BASOPS-related contracts or support contracts not directly related to industrial workload described in the action.

dministrative Workload spreadsheet, Ditector of Contracting

**Only those contracts breaking $1M are listed. There will be no termination cost because Red River will manage out year contracts to ensure
at time of workload transfer execution.** See Other Narrative Comments.

the appropriate information in the following table.

Column	1	2	3	4	5	6	7	8	7	
		Dates		Projected Termination Costs in Scenario Years 1 through 6						
	Total Funded Amount (>$1M)	**Start**	**End**	**FY06**	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	**Com**
, 48, 49, 50, 51, 52, 53	**$0.00**									
rs Keppel Technology, Inc.	**$6,100,000.00**	**Sep-03**	**Mar-05**							Rubber denu
ear	**$4,300,000.00**	**Feb-04**	**Dec-04**							Long bushin
ear	**$2,000,000.00**	**Aug-04**	**Mar-05**							Shoulder Pin
orporation	**$2,500,000.00**	**May-04**	**May-06**							Nuts
Wheel and Forged Products	**$9,600,000.00**	**May-04**	**May-06**							Roadwheels
Techno Incorporated	**$1,800,000.00**	**Sep-04**	**Sep-05**							Track block
56, 57, 58, 59, 60	**$0.00**									
& 62										
Wheel International	**$30,300,000.00**	**Dec-04**	**Dec-06**							HEMTT Whe
nson Industries	**$12,000,000.00**	**May-04**	**May-05**							HMMWV wh assy
Williams	**$8,100,000.00**	**Sep-04**	**May-05**							HMMWV po

TOTAL										

ative Comments: There are many various and recurring contracts that supports production which do not breach the > $1M threshold. There acts that carry a termination cost at this time. Red River would manage contracts in the future to ensure that situation would not exist. Red I io in all actions identified above is the losing site. The issue would be if there are support contracts in place on work to be transferred whe source that may or may not breach the $1M. Not much of an issue, but in the case of rubber production, the QPL on much of the required pr

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ion: 47, 48, 49, 50, 51, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

tus: AMCSO Final

it Avoidances:

FY, for the Industrial mission described in the action, for the **losing** site, list the following: 1. Approved and budgeted MCA projects; 2. Approved and budgeted Capital Improvement Projects (CIP itilized Plant Capacity (UPC) s

he Red River Internal Working Group

: This question attempts to identify the magnitude of the effects on a losing site, which would result from a decision to realign industriasl missions to a new location.

P, Internal CIP records, Resource Mangement

dividual CIP and MCA Projects support many categories of workload they are not pro raed but shown in its entire scope. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7	8
ssion Projects	**Category** (MCA, CIP, or UPC)	Projected Costs in Scenario Years 1 through 6						**Comments**
		FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
, 49, 50, 51, 53, 54, 55, 56, 57, 58, 59, 61, 62	CIP	$2,795,000.00						
Projects								
IVE THROUGH BLAST BAY								
EM/TACTICAL VEHICLE/DRIVE THROUGH								
H COMPONANT PARTS								
LEANING SYSTEM								
EM UPGRADE								
, 49, 50, 51, 53, 55, 56, 57, 58, 59, 61, 62	CIP		$2,075,000.00					
Additional Projects								
ine Test Cells								
, 49, 50, 51, 53, 55, 56, 57, 58, 59, 61, 62	CIP			$155,500.00				
Additional Projects								
erator Test Stand								
	CIP		$598,000.00					
Additional Projects								
last - Track								
last -Road Wheels								
	CIP	$2,905,000.00						
Additional Projects								
DF								
, 50, 51, 61, 62	MCA			$49,000,000.00			$4,000,000.00	
Projects								
ers Systems Sustainment Center								Appears in FY08 FY
cility								
Shop (Body Repair)								
	UPC	$3,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$1,000.00	UPC Prorated to var actions
	UPC	$209,000.00	$157,000.00	$148,000.00	$151,000.00	$154,000.00	$38,000.00	
	UPC	$49,000.00	$37,000.00	$35,000.00	$35,000.00	$36,000.00	$9,000.00	

	UPC	$36,000.00	$28,000.00	$26,000.00	$26,000.00	$27,000.00	$7,000.00	
	UPC	$8,000.00	$6,000.00	$5,000.00	$5,000.00	$6,000.00	$1,000.00	
	UPC	$2,000.00	$2,000.00	$1,000.00	$1,000.00	$2,000.00	$0.00	
	UPC	$78,000.00	$59,000.00	$55,000.00	$56,000.00	$57,000.00	$14,000.00	
	UPC	$115,000.00	$87,000.00	$81,000.00	$83,000.00	$85,000.00	$21,000.00	
	UPC	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$0.00	
	UPC	$21,000.00	$16,000.00	$15,000.00	$15,000.00	$15,000.00	$4,000.00	
	UPC	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
	UPC	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$0.00	
	UPC	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$0.00	
	UPC	$64,000.00	$48,000.00	$45,000.00	$46,000.00	$47,000.00	$12,000.00	
	UPC	$23,000.00	$17,000.00	$16,000.00	$17,000.00	$17,000.00	$4,000.00	
	UPC	$101,000.00	$76,000.00	$71,000.00	$73,000.00	$74,000.00	$18,000.00	
TOTAL								

ve Comments: It is felt that the cost associated with this question can be identified as a cost avoidance but that is not necessarily so. Much of the equipment that are receiving capi s will transfer and will require upgrade regardless of where the work is performed. Not all CIP and MCA projects can be classified as cost avoidances and to categorically assume t of the CIP's are upgrades to existing unique required equipment and are necessary regardless of where the work is performed. Each must be examined on a case-by-case basis t question for this scenario does not ask us to differentiate. Even though in this scenario it directs that we disestablish the Industrial Mission it remains silent on all other tenants a tion. If a project supports anything out side the industrial mission it is not included or identified in this scenario. For every cost avoidance that we are trying to identify, on the reve e many "costs incurred" that have not been identified. An example would be the centralized boiler that directly supports the industrial complex.

ted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

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vironmental Costs:

st any requirements related to permits/wavers/restrictions to assume the Industrial mission described in the action at the **gaining** site.

The Red River Internal Working Group

n: This question attempts to gather information about the cost of environmental actions that would be required as a result from a decision to realign industrial missions to new locatio
stimate of the cost to comply/obtain. List any requirements related to decommissioning at the losing site and provide an estimate of the cost to comply. Assume any
rs/restrictions must be obtained by end FY 08. Assume decommissioning must be complete NLT end FY 11.

AC Internal Working Group--Closure Plans -NEPA Documents--Historical Files

lentified cost to decommission entire industrial base and take to a caretaker level. See Other Narrative Comments.

e appropriate information in the following table.

Column	1	2	3	4	5	6	7
ver / Restrictions / Decommissioning Requirements	**Projected Costs in Scenario Years 1 through 6**						**Comment**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
			$20,768.00	$14,273.00	$14,399.00	$14,574.00	All Actions: See a
			$816,181.00	$561,290.00	$566,234.00	$573,119.00	Environmental Lis
			$163,198.00	$112,235.00	$113,224.00	$114,601.00	
			$119,609.00	$82,256.00	$82,981.00	$83,990.00	
			$24,700.00	$16,969.00	$17,119.00	$17,327.00	
			$11,867.00	$8,156.00	$8,228.00	$8,328.00	
			$489,724.00	$273,310.00	$275,718.00	$279,070.00	
			$1,199,431.00	$778,987.00	$778,987.00	$783,097.00	
			$4,351.00	$3,030.00	$3,056.00	$3,093.00	
			$49,783.00	$34,238.00	$34,540.00	$34,960.00	
			$1,278.00	$889.00	$897.00	$908.00	
			$6,909.00	$4,639.00	$4,679.00	$4,736.00	
			$2,037.00	$1,416.00	$1,428.00	$1,445.00	
			$106,705.00	$73,376.00	$74,022.00	$74,922.00	
			$139,794.00	$96,172.00	$97,018.00	$98,198.00	
			$612,047.00	$420,883.00	$424,591.00	$429,753.00	
SUB TOTAL			$3,768,382.00	$2,482,119.00	$2,497,121.00	$2,522,121.00	
TOTAL of FY08 thru FY11							**$11,269,743**

ive Comments: Cost are to a level to prevent health and safety violation and to prepare facilities to a caretaker level. This is a level above caretaker and remediation.
en down to task within each action if necessary. See List below. Back-up is available. We have been asked in this scenario to figure the cost of decommissioning the
e. We view this as the level required ensuring there are no hazards to health or safety and it is a level above remediation. We have done that to the best of our abili
ne allowed. However, we knocked the top off and made very sound assumptions. Also, during this period (even though we were not asked) we took the opportunity
hink the environmental cost would be for a gaining installation. I will submit this cost as a consideration and a possible crosswalk for those responsible for develop
stimate is approximately $23.8M and is outlined in the attached spreadsheet for the gaining site and approximately $11.3M for decommissioning at this site.

ental List Actions to Achieve Minimal Caretaker Status							
Disposal							
aste Haz-Storage Bldg. 479							
ose Chem Vats 345,319 493							
ms. In parts vats at Lines							
Media all location of D/Cs							
& Dispose Oil Water Seperators							
Booth Filter,coating, paper							
Cans, Oil Dry, Rags, etc							
Tanks							
ze							
ds							
n Hazardous Areas and Begin Closer Process IAW RCRA Permit							
mitted Haz-Storage Unit							
mitted Haz-Storage Unit							
mitted Haz-Storage Unit							
red Boiler Plant							
ntaminated With Heavy Metals							
493							
ts cleaning area under vats							
late area under vats							
ea under parts cleaning vats							
o POL maler cells and drainage							
tery Shop Acid storage/use							
el & Used Oil tanks							
rage							
S of 406							
Vats De-con Clean							
Vats De-con Clean							
Vats De-con Clean							
) Vats De-con Clean							
crubbers De-con Clean							
crubber De-con Clean							
con cutting fluids/POL from floor							
con cutting fluids/POL from floor							
sq ft. Cadmium (cad) prep area							
contaminated area prep grinding							
from Coal Pile run-off lagoon							
for any concerns all maint. Area							
lity de-con/clean							
ns Blast Bays, Cab, D/C etc							
idies, cost for closure							
Studies, test, cost for closure							

erative Document -- For Discussion Purposes Only -- Do Not Release Under FOIA

leted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

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tatus: AMCSO Final

.ayaway Costs:

For the Industrial mission described in the action at the **losing** site, provide a listing of actions required and the related costs to place the vacated industrial space into a etaker layaway status.

The Red River Internal Working Group

on: This question attempts to identify the actions and costs associated with placing any site into a minimal caretaker layaway status as the result of decisions to realign issions to a new location. These costs could include removing POL, corrosives, and chemicals from machinery; holding/storage pits and areas; draining pipes, and acilities. They would not include the costs of any environmental remediation. This question does not apply to munitions storage activity. Assume layaway will in FY 09 and be complete NLT end FY 11.

PS-Engineering Performance Standards, Real Property Records, and IFS-M estimating standards.

Use of analytical calculations are based on RPM expertise, knowledge, and opinon to meet the needs for a minimal layaway status and maintenance of nission commodities groups at RRAD in anticipation of future occupation. A consolidated generic punch list was used n order to cover the widest nge. See Other Narrative Comments.

he appropriate information in the following table.

Column	1	2	3	4	5	6	7
Achieve Minimal Caretaker Status	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
				$6,377.54	$6,377.54	$6,377.54	**All Actions**: See attached
				$251,445.04	$251,445.04	$251,445.04	worksheets for breakout of
				$50,205.33	$50,205.33	$50,205.33	cost by FY09, 10, 11 and
				$36,943.39	$36,943.39	$36,943.39	task.
				$7,579.10	$7,579.10	$7,579.10	
				$3,690.17	$3,690.17	$3,690.17	
				$122,420.46	$122,420.46	$122,420.46	
				$150,119.05	$150,119.05	$150,119.05	Incls Rubber Prods Fac
				$1,333.75	$1,333.75	$1,333.75	
				$15,350.01	$15,350.01	$15,350.01	
				$396.55	$396.55	$396.55	
				$2,083.11	$2,083.11	$2,083.11	
				$620.16	$620.16	$620.16	
				$96,718.50	$96,718.50	$96,718.50	Patriot and HAWK
				$44,006.68	$44,006.68	$44,006.68	
				$187,608.07	$187,608.07	$187,608.07	
TOTAL				$976,896.90	$976,896.90	$976,896.90	

ative Comments: Cost has been prorated among the actions. There are mutiple categories of work performed in most facilities. Prorated cost across uilding and action. We have figured the cost of layaway for each action. This was done by looking at the current workload in each facility and cross the action required by this scenario. We used the composite labor rate constant FY05 dollars for our DPW personnel. Caretaker was prorated by action scenario since several commodities are worked in many of the same buildings across the industrial complex. The drum-roll cost across FY09-FY11 is tely $2.9M as outlined by task and computation in the workbook. Detailed backup available.

Scenario Number: IND-0063 **Scenario Name:** MX 1.1A **Scenario Action:**

COMMONDITY GROUP: OUT YEAR LAYAWAY COST (FY 09)

	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
LECTRIC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT																
/ATER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
KILL/DISSY VALVES LEEDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY TAPE/SEAL TO PREVENT AIR FLOW																
EWER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT/FLUSH LINES INS (Take up commodes & seal), TRAPS, ETC.																
DUSTRIAL WASTE	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FLUSH LINES/SEAL																
TEAM LINES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
SHUT OFF/SEAL																
AT'L GAS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOP OFF @ MAIN & SEAL																
5% CONTINGENCIES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
M&R related to weather & deterioration.																
OTAL COST	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
HUMIDITY CONTROL	$1,229	$48,465	$9,677	$7,121	$1,461	$711	$23,596	$28,935	$257	$2,958	$76	$402	$120	$18,642	$8,482	$36,161
- FIRE PROTECTION	$1,358	$53,525	$10,687	$7,864	$1,613	$786	$26,060	$31,956	$284	$3,268	$84	$443	$132	$20,588	$9,368	$39,936
- BUILDING INSPECTION	$548	$21,604	$4,314	$3,174	$651	$317	$10,518	$12,898	$115	$1,319	$34	$179	$53	$8,310	$3,781	$16,118
INCL Roof & Contents)																
- SECURE (Pad lock, board up, etc.)	$484	$19,074	$3,808	$2,802	$575	$280	$9,286	$11,388	$101	$1,164	$30	$158	$47	$7,337	$3,338	$14,231
- GROUNDS MAINTENANCE	$869	$34,254	$6,839	$5,033	$1,032	$503	$16,677	$20,460	$182	$2,091	$54	$284	$84	$13,176	$5,995	$25,557
- PEST CONTROL	$612	$24,134	$4,819	$3,546	$727	$354	$11,750	$14,408	$128	$1,473	$38	$200	$60	$9,283	$4,224	$18,007
TWO MONTHS TREAT SECURE CRAWL SPACES																
25% CONTINGENCIES	$1,278	$50,390	$10,081	$7,404	$1,519	$740	$24,533	$30,084	$267	$3,076	$79	$417	$124	$19,383	$8,819	$37,597
M&R related to weather & deterioration.																
TOTAL COST	$6,378	$251,445	$50,205	$36,943	$7,579	$3,690	$122,420	$150,119	$1,334	$15,350	$397	$2,083	$620	$96,719	$44,007	$187,608
AWAY COST	$6,378	$251,445	$50,205	$36,943	$7,579	$3,690	$122,420	$150,119	$1,334	$15,350	$397	$2,083	$620	$96,719	$44,007	$187,608

Scenario Number: IND-0063 **Scenario Name:** MX 1.1A **Scenario Action:**

COMMONDITY GROUP: OUT YEAR LAYAWAY COST (FY 10)

	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
LECTRIC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT																
/ATER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
KILL/DISSY VALVES ILEEDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY TAPE/SEAL TO PREVENT AIR FLOW																
EWER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT/FLUSH LINES, AINS (Take up commodes & seal), TRAPS, ETC.																
NDUSTRIAL WASTE	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FLUSH LINES/SEAL																
ITEAM LINES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
SHUT OFF/SEAL																
IAT'L GAS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOP OFF @ MAIN & SEAL																
25% CONTINGENCIES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
n M&R related to weather & deterioration.																
TOTAL COST	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
- HUMIDITY CONTROL	$1,228	$48,465	$9,677	$7,121	$1,461	$711	$23,598	$28,935	$257	$2,958	$76	$402	$120	$18,642	$8,462	$36,16
- FIRE PROTECTION	$1,358	$53,525	$10,687	$7,864	$1,613	$786	$26,060	$31,956	$284	$3,268	$84	$443	$132	$20,588	$9,368	$39,93
- BUILDING INSPECTION (INCL Roof & Contents)	$548	$21,604	$4,314	$3,174	$651	$317	$10,518	$12,898	$115	$1,319	$34	$179	$53	$8,310	$3,781	$16,11
- SECURE (Pad lock, board up, etc.)	$484	$19,074	$3,808	$2,802	$575	$280	$9,286	$11,388	$101	$1,164	$30	$158	$47	$7,337	$3,338	$14,23
- GROUNDS MAINTENANCE	$869	$34,254	$6,839	$5,033	$1,032	$503	$16,677	$20,450	$182	$2,091	$54	$284	$84	$13,176	$5,995	$25,55
- PEST CONTROL	$612	$24,134	$4,819	$3,546	$727	$354	$11,750	$14,408	$128	$1,473	$38	$200	$60	$9,283	$4,224	$18,00
TWO MONTHS TREAT SECURE CRAWL SPACES																
-25% CONTINGENCIES	$1,278	$50,390	$10,061	$7,404	$1,519	$740	$24,533	$30,084	$267	$3,078	$79	$417	$124	$19,383	$8,819	$37,56
n M&R related to weather & deterioration.																
-TOTAL COST	$6,378	$251,445	$50,205	$36,943	$7,579	$3,690	$122,420	$150,119	$1,334	$15,350	$397	$2,083	$620	$96,719	$44,007	$187,60
/AWAY COST	$6,378	$251,445	$50,205	$36,943	$7,579	$3,690	$122,420	$150,119	$1,334	$15,350	$397	$2,083	$620	$96,719	$44,007	$187,60

Scenario Number: IND-0063 **Scenario Name:** MX 1.1A **Scenario Action:**

COMMONDITY GROUP: OUT YEAR LAYAWAY COST (FY 11)

	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
LECTRIC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT																
/ATER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
KILL/DISSY VALVES LEEDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY TAPE/SEAL TO PREVENT AIR FLOW																
EWER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT/FLUSH LINES iNS (Take up commodes & seal), TRAPS, ETC.																
OUSTRIAL WASTE	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FLUSH LINES/SEAL																
TEAM LINES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
SHUT OFF/SEAL																
AT'L GAS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOP OFF @ MAIN & SEAL																
% CONTINGENCIES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
M&R related to weather & deterioration.																
OTAL COST	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
HUMIDITY CONTROL	$1,229	$48,465	$9,677	$7,121	$1,461	$711	$23,686	$28,935	$267	$2,959	$78	$402	$120	$18,642	$8,482	$36,161
- FIRE PROTECTION	$1,358	$53,525	$10,687	$7,864	$1,613	$786	$26,060	$31,956	$294	$3,268	$84	$443	$132	$20,588	$9,368	$39,936
- BUILDING INSPECTION	$548	$21,604	$4,314	$3,174	$651	$317	$10,518	$12,898	$115	$1,318	$34	$179	$53	$8,310	$3,781	$16,119
INCL Roof & Contents)																
- SECURE (Pad lock, board up, etc.)	$484	$19,074	$3,808	$2,802	$575	$280	$9,286	$11,388	$101	$1,164	$30	$156	$47	$7,337	$3,338	$14,231
- GROUNDS MAINTENANCE	$869	$34,254	$6,839	$5,033	$1,032	$503	$16,677	$20,450	$182	$2,091	$54	$284	$84	$13,176	$5,995	$25,557
- PEST CONTROL	$612	$24,134	$4,819	$3,546	$727	$354	$11,750	$14,408	$128	$1,473	$38	$200	$60	$9,283	$4,224	$18,007
TWO MONTHS TREAT SECURE CRAWL SPACES																
15% CONTINGENCIES	$1,278	$50,390	$10,061	$7,404	$1,519	$740	$24,533	$30,084	$267	$3,078	$79	$417	$124	$19,383	$8,819	$37,597
M&R related to weather & deterioration.																
TOTAL COST	$6,378	$251,445	$50,205	$36,943	$7,579	$3,690	$122,420	$150,119	$1,334	$15,350	$397	$2,083	$620	$96,719	$44,007	$187,608
AWAY COST	$6,378	$251,445	$50,205	$36,943	$7,579	$3,690	$122,420	$150,119	$1,334	$15,350	$397	$2,083	$620	$96,719	$44,007	$187,608

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ction: 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

Status: AMCSO Final

Movement of Non-Vehicle Mission Equipment

For the Industrial mission described in the action at the **losing** site, provide the tonnage of Non-Vehicle Mission Equipment to be moved.

: The Red River Internal Working Group

ion: This question attempts to identify the total weight in tons (2,000 pounds/ton) of mission equipment moving from one base to another. Mission equ all of the equipment on the unit's Table of Equipment less vehicles. The tonnage of common equipment used on more than one action should be prorat id hours relocated. Provide a complete answer row for each action listed in the scenario description as it applies to your activity. Enter additional rows

ternal Database--DPASS

All equipment > $2,500 Acquisition cost, prorated gross weight of all equipment across the transferring workload for all commodities except d manufacturing and fabrication which includes rubber products. The total of all commodities is more accurate for total transferring equipme ated commodity segment.

the appropriate information in the following table.

Column	1
	Losing Activity: XXXX
	Tonnage
	0.70
	45.39
	10.82
	7.78
	1.64
	N/A (no Equipment for this action)
	16.87
	17.85
	0.24
	4.38
	0.08
	0.30
	0.24
	57.68
	5.01
	21.92
TOTAL	190.88

ative Comments: Because of the very limited time available to respond to this question a sort was done on Industrial Equipment that is valu
n $2,500.00 appears in this response. Red River does not maintain a database that has total weight of equipment embedded in it. Therfore, t
e based on many factors and ultimately the subject matter experts working experience with managing the equipment program for Red River.
) apparently does not manage equipment like the rest of the Services. We are AWCF installation and we have a blanket Table of Equipment f
allation. If we buy it for industrial operations it is eligible for the table of Equipment allowance. Whether we add it to the TOE is dependent on
of factors. Such as; does it have a good NSN or do we assign a local MSN , is it a controlled item, etc. We looked across three major categor
Tactical Vehicles, Tactical Missiles and Rubber Products to do this analyses. All commodities fall within those three categories.
e equipment is broken down at the installation and the way questions are asked leaves a certain amount of local discretion as to what is or
ment and what is determined to be support equipment.
evel equipment can be consdered as TOE under the blanket TOE concept.

leted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

umber: IND-0063

ame: MX 1.1A

ction: 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

tatus: AMCSO Final

Movement of Support Equipment

or the Industrial mission described in the action at the **losing** site, provide the tonnage of Support Equipment to be moved.

The Red River Internal Working Group

on: This question attempts to identify the total weight in tons (2,000 pounds/ton) of Mission Support equipment moving from one base to another. Mission Support equip uipment not included in mission equipment or vehicles that are required by the unit to perform its mission. (Allowed entries 0 to 99,999 tons). The tonnage of common eq n one action should be prorated based on the workload hours relocated. Provide a complete answer row for each action listed in the scenario description as it applies to onal rows as necessary.

ernal Database--DPASS

All equipment > $2,500 Acquisition cost, prorated gross weight of all equipment across the transferring workload for all commodities except tatctical missile ring and fabrication which includes rubber products. The total of all commodities is more accurate for total transferring equipment than for each prorated co

he appropriate information in the following table.

Column	1
	Losing Activity: XXXX
	Tonnage
	2.37
	153.57
	36.61
	26.33
	5.53
	N/A
	57.09
	345.32
	0.80
	14.82
	0.19
	1.00
	0.82
	35.48
	16.94
	74.16
TOTAL	771.03

tive Comments: Because of the very limited time available to respond to this question a sort was done on Industrial Equipment that is valued at greater tha
his response. Red River does not maintain a database that has total weight of equipment embedded in it. Therfore, this data is an estimate based on many
he subject matter experts working experience with managing the equipment program for Red River. The Army (Red River) apparently does not manage equ
Services. We are AWCF installation and we have a blanket Table of Equipment for the entire installation. If we buy it for industrial operations it is eligible for
allowance. Whether we add it to the TOE is dependent on a multitude of factors. Such as; does it have a good NSN or do we assign a local MSN, is it a con
ked across three major categories of Combat & Tactical Vehicles, Tactical Missiles and Rubber Products to do this analyses. All commodities fall within tho

e equipment is broken down at the installation and the way questions are asked leaves a certain amount of local discretion as to what is or becomes
nent and what is determined to be support equipment.
vel equipment can be consdered as TOE under the blanket TOE concept.

SCENARIO
IND-0073
MX 1.2A
GAINING

JCSG	Industrial
OSD Scenario Number	IND-0073
Scenario Name	MX 1.2A

Scenario Extract:

Realign all depot maintenance workload and capability for the commodity groups Aircraft Other Components, Aircraft Rotary, Amphibious Vehicles, Armament and Structural Components, Combat Vehicles, Construction Equipment, Conventional Weapons, Electronic Components (non-airborne) Electro-Optics/Night Vision/FLIR, Engines/Transmissions, Fire Control Systems and Components, Generators, Ground Support Equipment, Material Handling, Other Components, Other Equipment, Powertrain Components, Radar, Radio, Small Arms/Personal Weapons, Starters/Alternators/Generators, Strategic Missiles, Tactical Missiles, Tactical Vehicles, TMDE, Wire, and "Other" from Marine Corps Logistics Base Barstow to [redacted] Red River Army Depot and disestablish capability at Marine Corps Logistics Base Barstow. This scenario is based on using workload and expanded maximum capacity with 1.0 shift.

from Barstow

only 1.0 shifts

[redacted]

Realign all depot maintenance workload and capability for the commodity group Combat Vehicles, Other Equipment, Tactical Vehicles, and "Other" from Rock Island Arsenal to [redacted] Red River Army Depot, [redacted] and disestablish capability at Rock Island Arsenal. This scenario is based on using workload and expanded maximum capacity with 1.0 shift.

from RIA

1.0 shifts

[redacted]

[redacted]

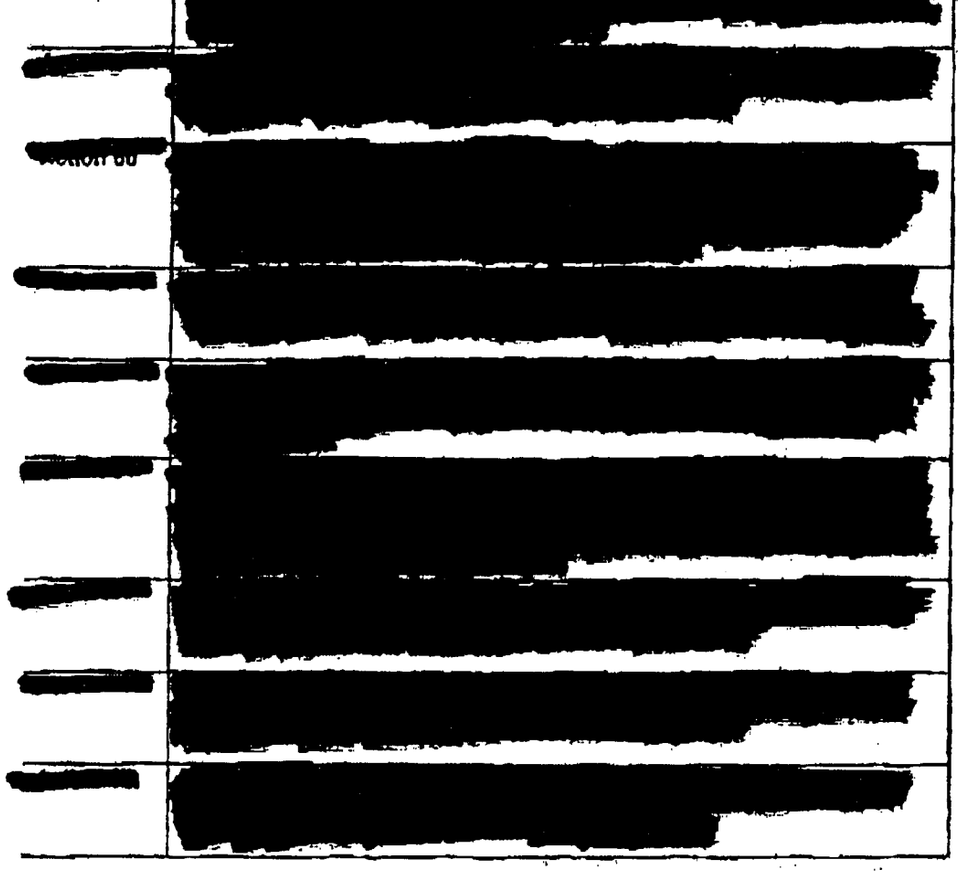
Action 4	Realign all depot maintenance workload and capacity for the commodity group ARMAMENT AND STRUCTURAL COMPONENTS from MCLB BARSTOW CA to RED RIVER ARMY DEPOT (Average Workload (FY03/04/05) = 1.11 K DLH)
[redacted]	[redacted]
Action 6	Realign all depot maintenance workload and capacity for the commodity group CONSTRUCTION EQUIPMENT from MCLB BARSTOW CA to RED RIVER ARMY DEPOT (Average Workload (FY03/04/05) = 19.86 K DLH)
[redacted]	[redacted]
Action 10	Realign all depot maintenance workload and capacity for the commodity group ENGINES/TRANSMISSIONS from MCLB BARSTOW CA to RED RIVER ARMY DEPOT (Average Workload (FY03/04/05) = 41.53 K DLH)
[redacted]	[redacted]

[redacted]

Action 23	Realign all depot maintenance workload and capacity for the commodity group STARTERS/ALTERNATORS/GENERATORS from MCLB BARSTOW CA to RED RIVER ARMY DEPOT (Average Workload (FY03/04/05) = .05 K DLH)
[redacted]	
Action 26	Realign all depot maintenance workload and capacity for the commodity group TACTICAL VEHICLES from MCLB BARSTOW CA to RED RIVER ARMY DEPOT (Average Workload (FY03/04/05) = 202.95 K DLH)
[redacted]	

[redacted]

Action 64 54	Realign all depot maintenance workload and capacity for the commodity group TACTICAL VEHICLES from ROCK ISLAND ARSENAL to RED RIVER ARMY DEPOT (Average Workload (FY03/04/05) = 100.39 K DLH)
[redacted]	



Important Note: Where appropriate, provide analysis of cost based on entirety of mission transferring to/from your site rather than detailed costs for each action in the scenario.

pleted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

Number: IND-0073

Name: MX 1.2A

Action: 4, 6, 10, 23, 26, 54

Status: AMCSO Final

Facilitization Projects and Costs:

By FY, list facilitization projects and projected costs required at the **gaining** site as a result of the assumption of the industrial workload described i

tion: This question attempts to identify the projects and the costs that would be associated with realigning industrial missions to new locations. This and below-MCA threshold projects. All facilitization projects will commence in FY 07 and be concluded NLT the end of FY 08. It includes utilities u ld be funded directly by the government and required in order to assume the mission, e.g., power, water, and sewage. It includes transportation up il and road, required in order to accomplish the assumed industrial mission, e.g., increased embarkation and debarkation capacity. It does not inclu tion infrastructure such as intersection upgrades and additional parking, utilities upgrades, or force protection measures which may result solely from of an increased workforce. It does not include the installation of equipment, including clean rooms. It does not include projected rate increase offse would be provided by a private entity. All facilitization projects will commence in FY 07 and be concluded NLT the end of FY 08.

The Red River Internal Working Group

: Without knowing exactly what is in the workload coming from Barstow or Rock Island it is assumed work is identical to Red River's wo acilities are conducive to accepting this type work without any additional facility projects. Red River has no visibility of any unique poces ent embedded in this workload. See Other Narrative Comments.

the appropriate information in the following table.

Column	1	2	3	4	5	6	7
ion Projects	Projected Costs in Scenario Years 1 through 6						Commen
	FY06	FY07	FY08	FY09	FY10	FY11	
	0	0	0				Action 4, 6, 10, 2
	0	0	0				Workload very sn
	0	0	0				absorb readily int
	0	0	0				operations
	0	0	0				Action 26 & 64–W level can be acco by realigning inter workload mix. W
	0	0	0				workload is the s products as curre going workload

TOTAL							

ative Comments: Total assumption of workload for all Actions is 365,890 DLH. This is well within the existing capacity of Red River to a
conclusion that no additional facility projects would be required to accept this entire scenario for all the actions listed. Red River alrea
ategories of workload identified in the scenario actions. There is no new mission workload appearing in this scenario for Red River. The
workload of the same categories that we are already working. (Real world: we executed greater than 2.75M DLH in FY04 and were not n
. The specific items and processes in these actions cannot be determined by just looking at a block of DLH. If there are imbedded proc
n excessive amount of space, unique preparatory processes, or specialized finishing processes it cannot be determined. We think traile
workload coming from RIA in action 54. They take a lot of space. It would be nice but not necessary to erect some covered space adjac
y production shops to enhance this type of work. It is not very technical
kes a lot of space to accomplish just by the sheer nature of the work.

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eted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0073

me: MX 1.2A

tion: 4, 6, 10, 23, 26, 54

atus: AMCSO Final

Equipment Costs:

y FY, list major equipment directly associated with the Industrial mission described in the action and the projected costs to disassemble and pack, r
ble that equipment.

n: This question attempts to identify equipment and associated moving and installation costs that would be associated with realigning industrial miss
ons. This should be limited to the equipment which is essential to assume the industrial mission. In the case of ammunition production facilities, this
the cost to buy new and also install equipment directly associated with the product line being gained. Depot maintenance activities are not required
uestion. All equipment shipping will commence in FY 07 if minor or no facilitization projects are required at the gaining site, and in FY 08 if the
s dictate otherwise. In all cases equipment transfers will be concluded NLT the end of FY 09.

ail dated Dec 9, 2004

uidance was that Depot's do not answer this question. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7
ment To Be "Moved"	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

tive Comments: **Guidance dated Dec 9, 2004 was that Depot's do not answer this question.** Depot maintenance activities are not require question. I know this guidance is predicated on some equation that evolves around either acquisition cost or replacement cost. I think t total understanding regarding the industrial base when it comes to equipment transfer. It traditionally requires the same equipment to do certain item. The equipment can only be in one place, it cannot be identified to support multiple locations during a transfer. Without he specific essential equipment associated with each block of workload there is nothing to base an assessment on for facilitization or work stations that feeds capacity. In a tremendous amount of cases, there is unique equipment associated with the processes necessary cific requirements of the various systems (i.e. engines, transmissions, front end alignment, armament, etc.) Much of that equipment is supported and requires special disassembly, transportation, site preparation, installation and calibration. I will address this further in a

enario to amplify the concern that visibility of cost and support capability can easily get lost in a paper drill.

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eted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0073

me: MX 1.2A

tion: 4, 6, 10, 23, 26, 54

atus: AMCSO Final

Ammunition Transportation Costs:

y FY, list short tons of ammunition to be shipped and the cost to ship by ton from the **losing** site to the gaining site described in the action.

n: This question attempts to identify the weight (ST) quantities and costs to move ammunition result from a decision to realign industrial missions to ssumptions to be used to calculate the tonnage to be shipped are: 1. Losing sites will fill requirements and be drawn down in place prior to filling req tes (ship 1st); 2. No further receipts will be issued to losing sites; 3. Demilitarization will continue at both losing and gaining sites at the programmed ng will commence in 2008 and be concluded NLT the end of FY 10. Any facilitization required at the gaining site as a result of the mission transfer w question #S0021.

There are no Actions to move any ammunition in this scenario for Red River, so this question is N/A to us. See Other Narrative Comment

e appropriate information in the following table.

Column	1	2	3	4	5	6	7	8
Designation	**Shipping Cost / ST**	**Short Tons to be Shipped in Scenario Years 1 thru 6**						**Comm**
		FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
TOTAL								

tive Comments: We are the gaining site in all of the noted Actions for Red River's part of this scenario. However, Ammunition movemen of the Actions. There are no actions for Red River in this scenario for Ammunition. Sitting at the bottom looking up, it is a deep concern t for Red River will/won't integrate all of those that reside on the industrial complex. Being a special installation under AMC carries its sl es in the way we account for doing business.

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ted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0073

ne: MX 1.2A

ion: 4, 6, 10, 23, 26, 54

tus: AMCSO Final

aining Costs:

FY, describe and list the training costs required in order to prepare the workforce at the **gaining** site to assume the new industrial mission described in

: This question attempts to identify all employee training that would be required to support a decision to realign industrial missions to new locations. Su lude TDY for personnel from the gaining site to the losing site and vice versa. Presume 75% of the direct labor currently performing the mission at the l te to the gaining site. Do not include costs related to First Article Testing (FAT). In all cases assume training will commence in FY 07 and be complete

Red River Internal Working Group

ed River assumes that the workload embedded in the direct labor hours is similar to on-going work currently being peformed. Therfore, traini odities are not necessary. Also, with an assumption that 75% of the labor will relocate it is apparent that a high level of trained personnel will ible. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7
aining at Gaining Installation	**Projected Training Costs in Scenario Years 2 thru 4**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
		0	0	0			Very small amount o work, we assume it i similar to current wo
		0	0	0			Small amount of wor specialized training required. Approximat trained persons will reastablish with this workload.
		0	0	0			RRAD has trained technicians capable working this commod Approximently 19 tra persons will reestabli with this workload.
		0	0	0			No Cost

		0	0	0			Workload deemed t similar as existing w Assume that approx 94 trained persons v reestablish with wor
		0	0	0			Workload deemed t similar as existing w Assume that approx 46 trained persons v reestablish with wor
TOTAL							

tive Comments: Total assumption of workload for all Actions is 365,890 DLH. This is well within the existing capacity of Red River to accept.
oductive man year equals 1615 DLH's the computation for this entire scenario would equate to a transfer of 170 trained persons coming to Re
would eliminate a need for any additional training. Red River identified no training required. We assume that we will acquire at least 170 trair
ng with the workload identified in this scenario. This is based on guidance in the Industrial Template (1615 X 365,890 X .75 = # personnel
This would allow a proliferation of training to additional workforce as necessary. Red River feels that an assumption of 75% transfer of perso
stic and will never happen based on our experiences of the last few years. Additionally, there are no milestones for transfer of specific workl
each action within this scenario. It appears that equipment will be transferring during the years that are required to program training and th
iece of the training, especially if there are any unique pieces of equipment. TDY will be a necessary part of this scenario
ressly for training purposes.

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ed, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

nber: IND-0073

ne: MX 1.2A

on: 4, 6, 10, 23, 26, 54

tus: AMCSO Final

Projects and Costs:

FY, list the IT projects and costs required in order to assume the new mission described in the action.

: This question attempts to identify all IT projects and costs that would be involved as a result of a decision to realign industrial missions to new locations. These nclude extending and modernizing IT infrastructure on the base for those requirements directly attributable to the new Industrial mission, e.g., CAD/CAM, configurati technical drawings, and manuals. These may also include IT infrastructure requirements based on a per capita increase in base personnel, but not individual work nent which is not directly required to accomplish the Industrial mission. The timeline will equate to Facilitization projects and Equipment movement in paragraphs 1

Red River Internal Working Group

is assumed that the transferring workload is similar to existing and on-going work. There are no additional facilitization projects identified because it is ; workload can merge into existing facilities which already has the IT backbone required to sustain throughput workload. It is assumed that tech data c l electronically to existing IT infrastructure. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7
	Projected Costs in Scenario Years 1 through 6						
	FY06	FY07	FY08	FY09	FY10	FY11	Comments
	0	0	0	0			Action 4, 6, 10, 23, 26, 6
	0	0	0	0			Nature of workload and
	0	0	0	0			existing configuration of
	0	0	0	0			facilities are deemed to
	0	0	0	0			have sufficient IT
	0	0	0	0			infrastructure.
TOTAL							

ve Comments: Red River projects no cost for IT for several reasons. The IT backbone is in place in all of the industrial facilities and the workload his scenario is assumed to be similar to on-going and existing workload. We will simply matrix that work into existing operations. We made the hat we have a current system for access to technical data and that the data we will require is readily transferable by electrons and is compatible with em. The Services (Army especially) is notorious for not buying the technical data for life cycle support of many of their systems. Understandably, the Os are trying to squeeze as much hardware out of the limited dollars. This creates an issue down the road for the industrial base. We have encountere systems in recent times but our assumption (not knowing the specific workload) is that sufficient tech data is available to do depot level maintenance.

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eted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

ımber: IND-0073

ıme: MX 1.2A

:tion: 4, 6, 10, 23, 26, 54

atus: AMCSO Final

Contract Termination Costs:

y FY, list all contracts of amounts in excess of $1M with beginning and end dates which are performed at the **losing** site in direct support of the inc
cribed in the action.

n: This question attempts to identify all contracts that would need to be terminated, moved, or comp[eted and awarded at a new site that would re
ealign industrial missions to new locations. Provide a contract termination estimate for any contract which concludes after FY 09 that would includ
not include any BASOPS-related contracts or support contracts not directly related to industrial workload described in the action.

We are the gaining site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

e appropriate information in the following table.

Column	1	2	3	4	5	6	7	8	7	
	Total Funded Amount (>$1M)	**Dates**		**Projected Termination Costs in Scenario Years 1 through 6**						
		Start	**End**	**FY06**	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	**Com**
										N/A
										N/A
										N/A
										N/A
										N/A
										N/A
TOTAL										

tive Comments: We are the gaining site in all of the noted Actions so this question is N/A to us. This is not applicable to Red River under
laid out in the clarification and amplification. We are the gaining site in all of the actions listed for Red River. The issue would be if ther
ntracts in place on work to be transferred where there is a local sole source that may or may not breach the $1M. Not much of an issue.

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ɔted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0073

me: MX 1.2A

tion: 4, 6, 10, 23, 26, 54

atus: AMCSO Final

ost Avoidances:

y FY, for the Industrial mission described in the action, for the **losing** site, list the following: **1**. Approved and budgeted MCA projects; **2**. Approved and b
ɔvement Projects (CIP); **3**. Budgeted Unutilized Plant Capacity (UPC) subsidies.

n: This question attempts to identify the magnitude of the effects on a losing site, which would result from a decision to realign industriasl missions to a

Ve are the gaining site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

e appropriate information in the following table.

Column	1	2	3	4	5	6	7	8
ission Projects	**Category** (MCA, CIP, or UPC)	**Projected Costs in Scenario Years 1 through 6**						**Comi**
		FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
TOTAL								

tive Comments: We are the gaining site in all of the actions within this scenario and have no issues.

ed, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

nber: IND-0073

ne: MX 1.2A

ion: 4, 6, 10, 23, 26, 54

tus: AMCSO Final

vironmental Costs:

t any requirements related to permits/wavers/restrictions to assume the Industrial mission described in the action at the **gaining** site.

: This question attempts to gather information about the cost of environmental actions that would be required as a result from a decision to realign indu
ew locations. Provide an estimate of the cost to comply/obtain. List any requirements related to decommissioning at the losing site and provide an esti
mply. Assume any permits/wavers/restrictions must be obtained by end FY 08. Assume decommissioning must be complete NLT end FY 11.

Red River Internal Working Group

d River is operating well within the current limits of our existing permits. An additional workload of only 365,890 DLH would not appreciably
at we are permitted for. The work is assumed to be identical or similar in nature to existing and on-going workload. See Other Narrative Com

appropriate information in the following table.

Column	1	2	3	4	5	6	7
er / Restrictions / Decommissioning Requirements	Projected Costs in Scenario Years 1 through 6						Comment
	FY06	FY07	FY08	FY09	FY10	FY11	
	0	0	0	0	0	0	Action 4, 6, 10, 23 Commodity is wor
	0	0	0	0	0	0	Red River already amount of work w very limited influe
	0	0	0	0	0	0	existing permitted
	0	0	0	0	0	0	Red River assume workload is simila going and existing workload. Becaus permits have a thr twice as high as c operations can pr
	0	0	0	0	0	0	This level of workl have a nominal im existing levels. Th visibility of any ad permit producing

TOTAL							

ive Comments: Real-World we are well above the workload levels visible at the time of the original data gathering. There has been no impact t permitting. There is an environment increase in the cost of doing business because of hazardous material by-products. This is more of a co ess rather than cost of transfer of workload. Red River assumed that the workload is similar to on-going and existing work currently being pe ere is no requirement for additional permits since we are operating well below the threshold of all of our current permits. If this assumption i d we are required to site equipment in new locations and do facility upgrades the assessment would change. There will be an increase in haz ıge but that is a cost of doing business rather than a cost of BRAC.

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eted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0073

me: MX 1.2A

tion: 4, 6, 10, 23, 26, 54

atus: AMCSO Final

Layaway Costs:

or the Industrial mission described in the action at the **losing** site, provide a listing of actions required and the related costs to place the vacated ind
al caretaker layaway status.

n: This question attempts to identify the actions and costs associated with placing any site into a minimal caretaker layaway status as the result of
trial missions to a new location. These costs could include removing POL, corrosives, and chemicals from machinery; holding/storage pits and area
winterizing facilities. They would not include the costs of any environmental remediation. This question does not apply to munitions storage activity.
commence in FY 09 and be complete NLT end FY 11.

We are the gaining site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

e appropriate information in the following table.

Column	1	2	3	4	5	6	
Achieve Minimal Caretaker Status	**Projected Costs in Scenario Years 1 through 6**						**Cor**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

ative Comments: We are the gaining site in all of the noted Actions so this question is N/A to us. No cost identified for Red River. We are
ll of the actions within this scenario. No issues.

ed, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

ıber: IND-0073

ıe: MX 1.2A

on: 4, 6, 10, 23, 26, 54

ıus: AMCSO Final

ovement of Non-Vehicle Mission Equipment

the Industrial mission described in the action at the **losing** site, provide the tonnage of Non-Vehicle Mission Equipment to be moved.

: This question attempts to identify the total weight in tons (2,000 pounds/ton) of mission equipment moving from one base to another. Mission equipment is defined as a the unit's Table of Equipment less vehicles. The tonnage of common equipment used on more than one action should be prorated based on the workload hours relocated ver row for each action listed in the scenario description as it applies to your activity. Enter additional rows as necessary.

e are the gaining site in all of the noted Actions so this question is N/A to us.

appropriate information in the following table.

Column	1
	Losing Activity: XXXX
	Tonnage
	N/A
	N/A
	N/A
	N/A
	N/A
	N/A

ve Comments:

l, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

er: **IND-0073**

: **MX 1.2A**

ı: **4, 6, 10, 23, 26, 54**

s: AMCSO Final

ement of Support Equipment

ıe industrial mission described in the action at the **losing** site, provide the tonnage of Support Equipment to be moved.

This question attempts to identify the total weight in tons (2,000 pounds/ton) of Mission Support equipment moving from one base to another. Mission Support equipment is defined as other ion equipment or vehicles that are required by the unit to perform its mission. (Allowed entries 0 to 99,999 tons). The tonnage of common equipment used on more than one action should b ırs relocated. Provide a complete answer row for each action listed in the scenario description as it applies to your activity. Enter additional rows as necessary.

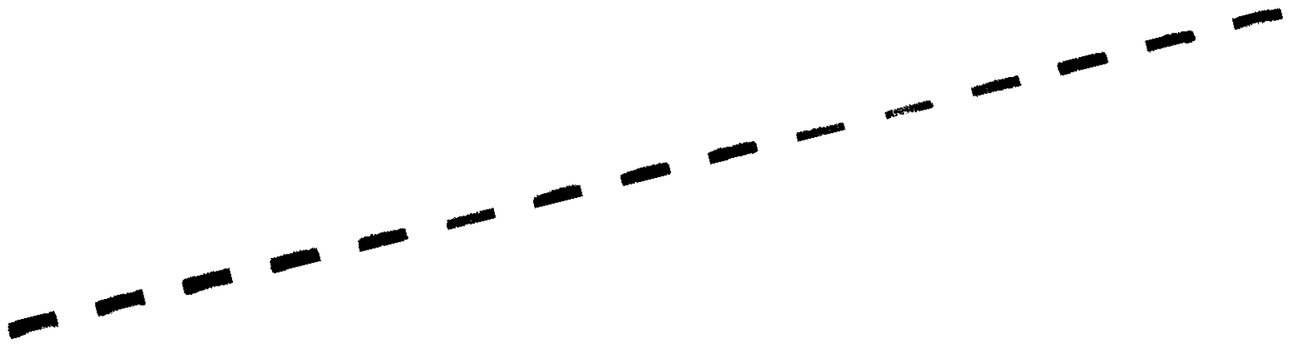
ıre the gaining site in all of the noted Actions so this question is N/A to us.

propriate information in the following table.

Column	1
	Losing Activity: XXXX
	Tonnage
	N/A
	N/A
	N/A
	N/A
	N/A
	N/A

Comments:

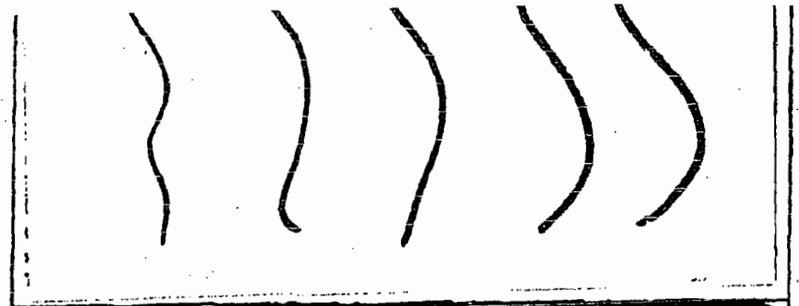
SCENARIO
IND-0083
MX 1.3A
LOSING



(Note: Rename previous (06 Dec 04) IND-0083 to IND-0063; The scenario below becomes the new IND-0083)

JCSG	Industrial
OSD Scenario Number	IND-0083
Scenario Name	MX 1.3A

Scenario Extract:



N/A

[redacted]

[redacted]

Realign all depot maintenance workload and capability for the commodity groups Armament and Structural Components, Combat Vehicles, Construction Equipment, Depot Fleet/Field Support, Engines/Transmissions, Fabrication and Manufacturing, Fire Control Systems and Components, Powertrain Components, Starters/Alternators/Generators, Tactical Missiles, Tactical Vehicles, and "Other" from Red River Army Depot to Anniston Army Depot [redacted] Depot and disestablish capability at Red River Army Depot. This scenario is based on using workload and expanded maximum capacity with 1.5 shifts.

RRAD AMAD

[redacted]

Action 86	[redacted]
Action 87	[redacted]
Ac[redacted]	[redacted]
Action 90	[redacted]
Action 91	[redacted]
Action 9[redacted]	[redacted]
Action 9[redacted]	[redacted]
Action 94 RRAD ANAD	Realign all depot maintenance workload and capacity for the commodity group ARMAMENT AND STRUCTURAL COMPONENTS from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 9.6 K DLH)
Action 95 RRAD ANAD	Realign all depot maintenance workload and capacity for the commodity group COMBAT VEHICLES from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 621.73 K DLH)
Action 96 RRAD ANAD	Realign 146.46 K DLHs of depot maintenance workload and capacity for the commodity group CONSTRUCTION EQUIPMENT from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 275.24 K DLH)

47

48

49

	DLH) Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 98 RRAD ANAD	Realign all depot maintenance workload and capacity for the commodity group DEPOT FLEET/FIELD SUPPORT from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 6.13 K DLH)
Action 99 RRAD ANAD	Realign all depot maintenance workload and capacity for the commodity group ENGINES/TRANSMISSIONS from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 231.13 K DLH) Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 100 RRAD ANAD	Realign all depot maintenance workload and capacity for the commodity group FABRICATION AND MANUFACTURING from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 342.66 K DLH)
Action 101 RRAD	Realign all depot maintenance workload and capacity for the commodity group FIRE CONTROL SYSTEMS AND COMPONENTS from RED RIVER ARMY DEPOT to TOBYHANNA ARMY DEPOT (Average Workload (FY03/04/05) = 3.23 K DLH)
Action 102 RRAD ANAD	Realign all depot maintenance workload and capacity for the commodity group OTHER from RED RIVER ARMY DEPOT to ANNISTON ARMY DEPOT (Average Workload (FY03/04/05) = 65.7 K DLH))
Action 103 RRAD	Realign all depot maintenance workload and capacity for the commodity group POWERTRAIN COMPONENTS from RED RIVER ARMY DEPOT to MCLB ALBANY (Average Workload (FY03/04/05) = 4.83 K DLH) Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.
Action 104 RRAD	Realign all depot maintenance workload and capacity for the commodity group STARYERS/ALTERNATORS/GENERATORS from RED RIVER ARMY DEPOT to MCLB ALBANY GA (Average Workload (FY03/04/05) = 3.33 K DLH)
Action 105 RRAD	Realign all depot maintenance workload and capacity for the commodity group TACTICAL MISSILES from RED RIVER ARMY DEPOT to LETTERKENNY ARMY DEPOT (Average Workload (FY03/04/05) = 189.2 K DLH)
Action 106 RRAD	Realign all depot maintenance workload and capacity for the commodity group TACTICAL VEHICLES from RED RIVER ARMY DEPOT to LETTERKENNY ARMY DEPOT (Average Workload (FY03/04/05) = 360.8 K DLH) Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.

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eted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0083

me: MX 1.3A

tion: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

atus: AMCSO Final

acilitization Projects and Costs:

y FY, list facilitization projects and projected costs required at the **gaining** site as a result of the assumption of the industrial workload described in

n: This question attempts to identify the projects and the costs that would be associated with realigning industrial missions to new locations. This MCA and below-MCA threshold projects. All facilitization projects will commence in FY 07 and be concluded NLT the end of FY 08. It includes ides which would be funded directly by the government and required in order to assume the mission, e.g., power, water, and sewage. It includes n upgrades, such as rail and road, required in order to accomplish the assumed industrial mission, e.g., increased embarkation and debarkation loes not include transportation infrastructure such as intersection upgrades and additional parking, utilities upgrades, or force protection measures sult solely from the projection of an increased workforce. It does not include the installation of equipment, including clean rooms. It does not cted rate increase offsets if these upgrades would be provided by a private entity. All facilitization projects will commence in FY 07 and be LT the end of FY 08.

Ve are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7
Projects	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

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ive Comments: Red River is the losing organization in all of the actions in this scenario. Therefore, we are not required to respond to this y. It is however incumbent on us to identify my issues and concerns to ensure that the decision makers have complete and relevant to make informed decisions. If the gaining organizations treat the categories of workload in this scenario as they appear on the surface a amount of cost will go undetected. For actions 95, 96, 99, & 100 identified to realign to Anniston and for actions 105 and 106 identified to tterkenny there is a considerable amount of specialized equipment that they will be unable to identify and therefore will not be able to The Bradley, MLRS, and Patriot have a large amount of dedicated equipment specific to each respective system. It will be necessary to usands of square feet to house this specialized equipment that the gaining installation will not be able to identify. If the on-going assumes that actual workload (processes and functions) by category to be transferred is the same as the proposed
llations workload, (which it is not) then we will reach an inaccurate conclusion. Action 100 alone is a strong point in fact. Action 100 gnment of the commodity Fabrication and Manufacturing to Anniston. This action doesn't identify that the Rubber Products operations re embedded in this block of DLHs. Facilitization, by necessity, would be a foot for foot project to support that mission moving to allation. There is approximately 410,000 SF unique to that operation, equipment resident currently only at RRAD and extensive al permit requirements to be met, which in the current scenario construct are not visible to the proposed gaining installation. Without ne workload specifically by system and processes we are asking the recipient of the action to just make an uninformed submission. stems at Red River are unique to Red River and have never been assigned elsewhere, there are no technical experts in this process, s site. Action 105 would probably require a dedicated facility because of operational explosive limits, QD arcs, security requirements rtification facility design
cs required for operations. We submit the attached white paper to further outline the issues for this particular mission.

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mber: IND-0083

me: MX 1.3A

tion: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

atus: AMCSO Final

Equipment Costs:

ly FY, list major equipment directly associated with the Industrial mission described in the action and the projected costs to disassemble and pack, assemble that equipment.

n: This question attempts to identify equipment and associated moving and installation costs that would be associated with realigning industrial iew locations. This should be limited to the equipment which is essential to assume the industrial mission. In the case of ammunition production would include the cost to buy new and also install equipment directly associated with the product line being gained. Depot maintenance activities red to answer this question. All equipment shipping will commence in FY 07 if minor or no facilitization projects are required at the gaining site, if the circumstances dictate otherwise. In all cases equipment transfers will be concluded NLT the end of FY 09.

ail dated Dec. 9, 2004.

Guidance was that Depot's do not answer this question. See Other Narrative Comments.

e appropriate information in the following table.

Column	1	2	3	4	5	6	7
ment To Be "Moved"	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

ve Comments: **Guidance dated Dec. 9, 2004 was that Depot's do not answer this question.** Depot maintenance activities are not nswer this question. We understand this guidance is predicated on an equation that evolves around either acquisition cost or cost. Without identifying the specific essential equipment associated with each block of workload there is nothing to base an on for facilitization or personnel workstations that support the capacity and capability analysis for the receiving activity. In every case, ue equipment associated with the processes necessary to support specific requirements of the various systems (i.e. engines, s, front end alignment, armament, rubber molds, fluidized bed, turret alignment, automated test equipment, missile recertification, f that equipment is contractor supported and requires special disassembly, transportation, site preparation, installation and Site preparation alone just to support the unique equipment will run into the millions of dollars. In the case of action 100, Tactical etterkenny, this is the Patriot and
e equipment. This action has been studied, re-studied, evaluated and in every instance, it has been determined that this mission in at Red River. The equipment is fairly old and has been modified and updated in place. Even though this equipment is generally ing electronic test equipment of this nature to another site successfully and in time to not impact U.S. and FMS missile readiness is e. Depreciation, it appears, is being treated as a wash, when in fact it has a direct impact on the cost of the product that is being ne customer. The move, set up, calibration and certification of the equipment will be a cost that will have to be charged to the programs ease the gaining organizations rates beyond the scope of the transferred man-hours to defer those costs. Probably not considered a C but it is a real cost to the Army and the programs.

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ber: IND-0083

e: MX 1.3A

n: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

us: AMCSO Final

mmunition Transportation Costs:

FY, list short tons of ammunition to be shipped and the cost to ship by ton from the **losing** site to the gaining site described in the action.

e Red River Internal Working Group

This question attempts to identify the weight (ST) quantities and costs to move ammunition result from a decision to realign industrial missions to new umptions to be used to calculate the tonnage to be shipped are: 1. Losing sites will fill requirements and be drawn down in place prior to filling requirements (ship 1st); 2. No further receipts will be issued to losing sites; 3. Demilitarization will continue at both losing and gaining sites at the programmed (funded) will commence in 2008 and be concluded NLT the end of FY 10. Any facilitization required at the gaining site as a result of the mission transfer will be stion #S0021.

ed River Internal Working Group

munition was not a part of any of the actions to disestablish Red River. This scenario addressed the industrial base only. See Other Narrative

ppropriate information in the following table.

Column	1	2	3	4	5	6	7	8
esignation	**Shipping Cost / ST**	**Short Tons to be Shipped in Scenario Years 1 thru 6**						**Comments**
		FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
TOTAL								

e Comments: There are no actions for Red River in this scenario for Ammunition. Sitting at the bottom looking up, there is a deep concern that nt for Red River will/won't integrate all of those that reside on the industrial complex. Being a special installation under AMC carries its share of alties in the way we account for doing business. In this Scenario, Action 105 realigns Tactical Missiles to Letterkenney. If this action is viewed face value process the fact that all of the missiles are stored here at Red River in the Red River Munitions Center will never get any visibility and ctored into the cost associated with the realignment. Not only that, it would have a devastating effect on the operations and cost to the customer er BRAC. Someone would have to pay to fix that issue.

ted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0083

me: MX 1.3A

tion: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

atus: AMCSO Final

raining Costs:

y FY, describe and list the training costs required in order to prepare the workforce at the **gaining** site to assume the new industrial mission described in

n: This question attempts to identify all employee training that would be required to support a decision to realign industrial missions to new locations. S clude TDY for personnel from the gaining site to the losing site and vice versa. Presume 75% of the direct labor currently performing the mission at the ate to the gaining site. Do not include costs related to First Article Testing (FAT). In all cases assume training will commence in FY 07 and be complet

Ve are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7
raining at Gaining Installation	**Projected Training Costs in Scenario Years 1 thru 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

ive Comments: Red River is not required to identify training since we are the losing site. The guidance in the Industrial Template requires th
to make an assumption that 75% of the personnel will realign with the mission. Under that assumption, we calculate that approximately 1,10
ld relocate to the various sites identified in the scenario (1615 X 2,388,820 X .75 = 1,109). A review of the history does not support that
A more realistic assumption would be in the 5-10% range, which would further erode the transfer of corporate knowledge on each specific
work. It appears that equipment will be transferring during the years that are required to program training and that is a necessary piece of the
ecially if there are any unique pieces of equipment. The reality of the matter is that the training base will erode once the action becomes law
f training becomes suspect. In the case of action 105 this could be devastating to that mission. It takes in excess of 3 years to fully train the
technicians to a journeyman level. Command and control is a stroke of a pen and may have its merits; however, moving this entire operatio
ort the long term sustainment nor the near term readiness of this weapon system.

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ted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

nber: IND-0083

ne: MX 1.3A

ion: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

tus: AMCSO Final

Projects and Costs:

FY, list the IT projects and costs required in order to assume the new mission described in the action.

: This question attempts to identify all IT projects and costs that would be involved as a result of a decision to realign industrial missions to new locations. The nclude extending and modernizing IT infrastructure on the base for those requirements directly attributable to the new Industrial mission, e.g., CAD/CAM, management, technical drawings, and manuals. These may also include IT infrastructure requirements based on a per capita increase in base personnel, but k station equipment which is not directly required to accomplish the Industrial mission. The timeline will equate to Facilitization projects and Equipment movem and 2 respectively.

e are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7
	Projected Costs in Scenario Years 1 through 6						Comments
	FY06	FY07	FY08	FY09	FY10	FY11	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

ve Comments: Red River being the losing site in all of the actions identified for this scenario has no input. The Services (Army especially) is not buying the technical data for life cycle support of many of their systems. Understandably, the PMs and PEOs are trying to squeeze as much of the limited dollars. This creates an issue down the road for the industrial base. We have encountered this on many systems in recent times ablishment of the RECAP program for the HEMTT.

ted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0083

me: MX 1.31A

tion: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

atus: AMCSO Final

Contract Termination Costs:

/ FY, list all contracts of amounts in excess of $1M with beginning and end dates which are performed at the **losing** site in direct support of the industria
he action.

The Red River Internal Working Group

n: This question attempts to identify all contracts that would need to be terminated, moved, or comp[eted and awarded at a new site that would result fr
align industrial missions to new locations. Provide a contract termination estimate for any contract which concludes after FY 09 that would include suc
e any BASOPS-related contracts or support contracts not directly related to industrial workload described in the action.

inistrative Workload spreadsheet, Ditector of Contracting

**nly those contracts breaking $1M are listed. There will be no termination cost because Red River will manage out year contracts to ensure th
time of workload transfer execution.** See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7	8	7	1
		Dates		Projected Termination Costs in Scenario Years 1 through 6						
	Total Funded Amount (>$1M)	Start	End	FY06	FY07	FY08	FY09	FY10	FY11	Comm
5, 96, 97, 98, 99	$0.00									
Keppel Technology, Inc.	$6,100,000.00	Sep-03	Mar-05							Rubber denud
r	$4,300,000.00	Feb-04	Dec-04							Long bushings
r	$2,000,000.00	Aug-04	Mar-05							Shoulder Pins
poration	$2,500,000.00	May-04	May-06							Nuts
heel and Forged Products	$9,600,000.00	May-04	May-06							Roadwheels
echno Incorporated	$1,800,000.00	Sep-04	Sep-05							Track block ru
102, 103, 104, 105	$0.00									
eel International	$30,300,000.00	Dec-04	Dec-06							HEMTT Whee
on Industries	$12,000,000.00	May-04	May-05							HMMWV whe assy
illiams	$8,100,000.00	Sep-04	May-05							HMMWV pow

TOTAL										

ve Comments: There are many various and recurring contracts that supports production which do not breach the > $1M threshold. There are
:s that carry a termination cost at this time. Red River would manage contracts in the future to ensure that situation would not exist. R
enario in all actions identified above is the losing site. The issue would be if there are support contracts in place on work to be transferred v
e source that may or may not breach the $1M. Not much of an issue, but in the case of rubber production, the QPL on much of the required
s are limited.

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ber: IND-0083

e: MX 1.3A

n: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

is: AMCSO Final

t Avoidances:

Y, for the Industrial mission described in the action, for the **losing** site, list the following: **1**. Approved and budgeted MCA projects; **2**. Approved and budgeted Capital Improvement lized Plant Capacity (UPC) s

e Red River Internal Working Group

This question attempts to identify the magnitude of the effects on a losing site, which would result from a decision to realign industriasl missions to a new location.

, Internal CIP records, Resource Mangement

vidual CIP and MCA Projects support many categories of workload they are not pro raed but shown in its entire scope. See Other Narrative Comments.

ppropriate information in the following table.

Column	1	2	3	4	5	6	7	
sion Projects	**Category** (MCA, CIP, or UPC)	**Projected Costs in Scenario Years 1 through 6**						
		FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
96, 97, 99, 100, 101, 102, 103, 104, 106	CIP	$2,795,000.00						
Projects								
VE THROUGH BLAST BAY								
M/TACTICAL VEHICLE/DRIVE THROUGH								
COMPONANT PARTS								
EANING SYSTEM								
M UPGRADE								
96, 97, 99,101, 102, 103, 104, 106	CIP		$2,075,000.00					
Additional Projects								
e Test Cells								
96, 97, 99, 101, 102, 103, 104, 106	CIP			$155,500.00				
Additional Projects								
tor Test Stand								
	CIP		$598,000.00					
Additional Projects								
st - Track								
st -Road Wheels								
	CIP	$2,905,000.00						
Additional Projects								
F								
97, 106	MCA			$49,000,000.00			$4,000,000.00	
Projects								
s Systems Sustainment Center								Appears in
ity								
hop (Body Repair)								

	UPC	$3,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$1,000.00	UPC Prora actions
	UPC	$209,000.00	$157,000.00	$148,000.00	$151,000.00	$154,000.00	$38,000.00	
	UPC	$49,000.00	$37,000.00	$35,000.00	$35,000.00	$36,000.00	$9,000.00	
	UPC	$44,000.00	$34,000.00	$31,000.00	$31,000.00	$33,000.00	$8,000.00	
	UPC	$2,000.00	$2,000.00	$1,000.00	$1,000.00	$2,000.00	$0.00	
	UPC	$78,000.00	$59,000.00	$55,000.00	$56,000.00	$57,000.00	$14,000.00	
	UPC	$115,000.00	$87,000.00	$81,000.00	$83,000.00	$85,000.00	$21,000.00	
	UPC	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$0.00	
	UPC	$21,000.00	$16,000.00	$15,000.00	$15,000.00	$15,000.00	$4,000.00	
	UPC	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$0.00	
	UPC	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$0.00	
	UPC	$64,000.00	$48,000.00	$45,000.00	$46,000.00	$47,000.00	$12,000.00	
	UPC	$124,000.00	$93,000.00	$87,000.00	$9,000.00	$91,000.00	$22,000.00	
TOTAL								

e Comments: It is felt that the cost associated with this question can be identified as a cost avoidance but that is not necessarily so. Much of the equipment that are r will transfer and will require upgrade regardless of where the work is performed. Not all CIP and MCA projects can be classified as cost avoidances and to categoric y of the CIP's are upgrades to existing unique required equipment and are necessary regardless of where the work is performed. Each must be examined on a case-b The question for this scenario does not ask us to differentiate. Even though in this scenario it directs that we disestablish the Industrial Mission it remains silent on e BASOP operation. If a project supports anything out side the industrial mission it is not included or identified in this scenario. For every cost avoidance that we ar reverse side, there are many "costs incurred" that have not been identified. An example would be the centralized boiler that directly supports the industrial comple

Red River received approval for acceleration of $23.3 M of previously identified CIP projects that were submitted in the initial scenario development for this scenario AMC Stationing Office by RRAD has created a requirement to resubmit the CIP data for all affected scenarios to the actual data as a result of approval to move up the that once were identified will fall from visibility because they are funded and will be executed in calendar year 2005. Data being sought is FY06 - FY11.

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ıber: IND-0083

ıe: MX 1.3A

ɔn: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

us: AMCSO Final

vironmental Costs:

any requirements related to permits/wavers/restrictions to decommission the Industrial mission described in the action at the **losing** site and assume the mission at the

ıe Red River Internal Working Group

This question attempts to gather information about the cost of environmental actions that would be required as a result from a decision to realign industrial missions to n
mate of the cost to comply/obtain. List any requirements related to decommissioning at the losing site and provide an estimate of the cost to comply. Assume any
s/restrictions must be obtained by end FY 08. Assume decommissioning must be complete NLT end FY 11.

Internal Working Group--Closure Plans -NEPA Documents--Historical Files

ntified cost to decommission entire industrial base and take to a caretaker level. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	
r / Restrictions / Decommissioning Requirements	Projected Costs in Scenario Years 1 through 6						Co
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
			$20,768.00	$14,273.00	$14,399.00	$14,574.00	All Actions
			$816,181.00	$561,290.00	$566,234.00	$573,119.00	Environme
			$163,198.00	$112,235.00	$113,224.00	$114,601.00	
			$144,309.00	$99,225.00	$100,100.00	$101,317.00	
			$11,867.00	$8,156.00	$8,228.00	$8,328.00	
			$489,724.00	$273,310.00	$275,718.00	$279,070.00	
			$1,199,431.00	$778,987.00	$778,987.00	$783,097.00	
			$4,351.00	$3,030.00	$3,056.00	$3,093.00	
			$49,783.00	$34,238.00	$34,540.00	$34,960.00	
			$8,187.00	$5,528.00	$5,576.00	$5,644.00	
			$2,037.00	$1,416.00	$1,428.00	$1,445.00	
			$106,705.00	$73,376.00	$74,022.00	$74,922.00	
			$751,841.00	$517,055.00	$521,609.00	$527,951.00	
SUB TOTAL			$3,768,382.00	$2,482,119.00	$2,497,121.00	$2,522,121.00	
TOTAL of FY08 thru FY11							**$11,269,7**

e Comments: Cost are to a level to prevent health and safety violation and to prepare facilities to a caretaker level. This is a level above caretaker and remed
down to task within each action if necessary. See list below. Back-up is available. We have been asked in this scenario to figure the cost of decommissioni
We view this as the level required ensuring there are no hazards to health or safety and it is a level above remediation. We have done that to the best of ou
allowed. However, we knocked the top off and made very sound assumptions. Also, during this period (even though we were not asked) we took the oppo
nk the environmental cost would be for a gaining installation. I will submit this cost as a consideration and a possible crosswalk for those responsible for d
mate is approximately $23.8M and is outlined in the attached spreadsheet for the gaining site and approximately $11.3M for decommissioning at this site. Se

ental List Actions to Achieve Minimal Caretaker Status
Disposal
ste Haz-Storage Bldg. 479
se Chem. Vats 345,319 493
s. In parts vats at Lines
Media all location of D/Cs
Dispose Oil Water Seperators
Booth Filter,coating, paper
ans, Oil Dry, Rags, etc
anks
e
s
Hazardous Areas and Begin Closer Process IAW RCRA Permit
itted Haz-Storage Unit
itted Haz-Storage Unit
itted Haz-Storage Unit
d Boiler Plant
aminated With Heavy Metals
93
cleaning area under vats
te area under vats
a under parts cleaning vats
POL mater cells and drainage
ry Shop Acid storage/use
& Used Oil tanks
ge
of 406
ats De-con Clean
ats De-con Clean
ats De-con Clean
Vats De-con Clean
ubbers De-con Clean
ubber De-con Clean
on cutting fluids/POL from floor
on cutting fluids/POL from floor
ft. Cadmium (cad) prep area

contaminated area prep grinding							
om Coal Pile run-off lagoon							
for any concerns all maint. Area							
ty de-con/clean							
s Blast Bays, Cab, D/C etc							
45 sq ft.							
dies, cost for closure							
Studies, test, cost for closure							

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ed, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

iber: IND-0083

ie: MX 1.3A

on: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

us: AMCSO Final

yaway Costs:

the Industrial mission described in the action at the **losing** site, provide a listing of actions required and the related costs to place the vacated industrial space into a ker layaway status.

ie Red River Internal Working Group

This question attempts to identify the actions and costs associated with placing any site into a minimal caretaker layaway status as the result of decisions to realign ions to a new location. These costs could include removing POL, corrosives, and chemicals from machinery; holding/storage pits and areas; draining pipes, and lities. They would not include the costs of any environmental remediation. This question does not apply to munitions storage activity. Assume layaway will FY 09 and be complete NLT end FY 11.

-Engineering Performance Standards, Real Property Records, and IFS-M estimating standards.

e of analytical calculations are based on RPM expertise, knowledge, and opinon to meet the needs for a minimal layaway status and maintenance of sion commodities groups at RRAD in anticipation of future occupation. A consolidated generic punch list was used n order to cover the widest e. See Other Narrative Comments.

appropriate information in the following table.

Column	1	2	3	4	5	6	7
hieve Minimal Caretaker Status	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
				$6,377.54	$6,377.54	$6,377.54	**All Actions**: See attached
				$251,445.04	$251,445.04	$251,445.04	worksheets for breakout of
				$50,205.33	$50,205.33	$50,205.33	cost by FY09, 10, 11 and
				$44,522.49	$44,522.49	$44,522.49	task.
				$3,690.17	$3,690.17	$3,690.17	
				$122,420.46	$122,420.46	$122,420.46	
				$150,119.05	$150,119.05	$150,119.05	Incls Rubber Prods Fac
				$1,333.75	$1,333.75	$1,333.75	
				$15,350.01	$15,350.01	$15,350.01	
				$2,479.66	$2,479.66	$2,479.66	
				$620.16	$620.16	$620.16	
				$96,718.50	$96,718.50	$96,718.50	Patriot and HAWK
				$231,614.75	$231,614.75	$231,614.75	
TOTAL				$976,896.90	$976,896.90	$976,896.90	

ve Comments: Cost has been prorated among the actions. There are mutiple categories of work performed in most facilities. Prorated cost across ding and action. We have figured the cost of layaway for each action. This was done by looking at the current workload in each facility and cross e action required by this scenario. We used the composite labor rate constant FY05 dollars for our DPW personnel. Caretaker was prorated by action enario since several commodities are worked in many of the same buildings across the industrial complex. Detailed back up available.

Scenario Number: IND-0083 **Scenario Name:** MX 1.3A **Scenario Action:**

COMMONDITY GROUP: OUT YEAR LAYAWAY COST (FY 09)

	94	95	96	97	98	99	100	101	102	103	104	105	106
ECTRIC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT													
TER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
KILL/DISSY VALVES EDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY TAPE/SEAL TO PREVENT AIR FLOW													
WER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT/FLUSH LINES (Take up commodes & seal), TRAPS, ETC.													
USTRIAL WASTE	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FLUSH LINES/SEAL													
EAM LINES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
SHUT OFF/SEAL													
T'L GAS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOP OFF @ MAIN & SEAL													
% CONTINGENCIES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
&R related to weather & deterioration.													
TAL COST	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
UMIDITY CONTROL	$1,229	$48,465	$9,677	$8,582	$711	$23,596	$28,935	$257	$2,959	$478	$120	$18,642	$44,643
FIRE PROTECTION	$1,358	$53,525	$10,687	$9,477	$786	$26,060	$31,956	$284	$3,268	$527	$132	$20,588	$49,304
BUILDING INSPECTION	$548	$21,604	$4,314	$3,825	$317	$10,518	$12,898	$115	$1,319	$213	$53	$8,310	$19,900
CL Roof & Contents)													
SECURE (Pad lock, board up, etc.)	$484	$19,074	$3,808	$3,377	$280	$9,286	$11,388	$101	$1,164	$188	$47	$7,337	$17,569
GROUNDS MAINTENANCE	$869	$34,254	$6,839	$6,065	$503	$16,677	$20,450	$182	$2,091	$338	$84	$13,176	$31,552
PEST CONTROL	$612	$24,134	$4,819	$4,273	$354	$11,750	$14,408	$128	$1,473	$238	$60	$9,283	$22,231
O MONTHS TREAT SECURE CRAWL SPACES													
% CONTINGENCIES	$1,278	$50,390	$10,061	$8,923	$740	$24,533	$30,084	$267	$3,076	$496	$124	$19,383	$46,416
&R related to weather & deterioration.													
OTAL COST	$6,378	$251,445	$50,205	$44,522	$3,690	$122,420	$150,119	$1,334	$15,350	$2,478	$620	$96,719	$231,615
WAY COST	$6,378	$251,445	$50,205	$44,522	$3,690	$122,420	$150,119	$1,334	$15,350	$2,478	$620	$96,719	$231,615

Scenario Number: IND-0083 **Scenario Name:** MX 1.3A **Scenario Action:**

COMMONDITY GROUP: OUT YEAR LAYAWAY COST (FY 10)

	94	95	96	97	98	99	100	101	102	103	104	105	106
-ECTRIC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT													
ATER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
KILL/DISSY VALVES EEDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY TAPE/SEAL TO PREVENT AIR FLOW													
EWER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT/FLUSH LINES NS (Take up commodes & seal), TRAPS, ETC.													
IDUSTRIAL WASTE	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FLUSH LINES/SEAL													
TEAM LINES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
SHUT OFF/SEAL													
AT'L GAS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOP OFF @ MAIN & SEAL													
5% CONTINGENCIES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
M&R related to weather & deterioration.													
OTAL COST	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
HUMIDITY CONTROL	$1,229	$48,465	$9,677	$8,582	$711	$23,596	$28,935	$257	$2,959	$478	$120	$18,642	$44,643
FIRE PROTECTION	$1,358	$53,525	$10,687	$9,477	$786	$26,060	$31,956	$284	$3,268	$527	$132	$20,588	$49,304
BUILDING INSPECTION	$548	$21,604	$4,314	$3,825	$317	$10,518	$12,898	$115	$1,319	$213	$53	$8,310	$19,900
NCL Roof & Contents)													
SECURE (Pad lock, board up, etc.)	$484	$19,074	$3,808	$3,377	$280	$9,286	$11,388	$101	$1,164	$188	$47	$7,337	$17,569
GROUNDS MAINTENANCE	$869	$34,254	$6,839	$6,065	$503	$16,677	$20,450	$182	$2,091	$338	$84	$13,176	$31,552
PEST CONTROL	$612	$24,134	$4,819	$4,273	$354	$11,750	$14,408	$128	$1,473	$238	$60	$9,283	$22,231
WO MONTHS TREAT SECURE CRAWL SPACES													
25% CONTINGENCIES	$1,278	$50,390	$10,061	$8,923	$740	$24,533	$30,084	$267	$3,076	$496	$124	$19,383	$46,416
M&R related to weather & deterioration.													
TOTAL COST	$6,378	$251,445	$50,205	$44,522	$3,690	$122,420	$150,119	$1,334	$15,350	$2,478	$620	$96,719	$231,615
AWAY COST	$6,378	$251,445	$50,205	$44,522	$3,690	$122,420	$150,119	$1,334	$15,350	$2,478	$620	$96,719	$231,615

Scenario Number: IND-0083 **Scenario Name:** MX 1.3A **Scenario Action:**

COMMONDITY GROUP: OUT YEAR LAYAWAY COST (FY 11)

	94	95	96	97	98	99	100	101	102	103	104	105	106
-ELECTRIC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT													
-WATER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
KILL/DISSY VALVES BLEEDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY TAPE/SEAL TO PREVENT AIR FLOW													
-SEWER	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DISCONNECT/FLUSH LINES AINS (Take up commodes & seal), TRAPS, ETC.													
-INDUSTRIAL WASTE	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FLUSH LINES/SEAL													
-STEAM LINES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
SHUT OFF/SEAL													
-NAT'L GAS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOP OFF @ MAIN & SEAL													
-25% CONTINGENCIES	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
en M&R related to weather & deterioration.													
-TOTAL COST	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
S-HUMIDITY CONTROL	$1,229	$48,465	$9,677	$8,582	$711	$23,596	$28,935	$257	$2,959	$478	$120	$18,642	$44,643
S - FIRE PROTECTION	$1,358	$53,525	$10,687	$9,477	$786	$26,060	$31,956	$284	$3,268	$527	$132	$20,588	$49,304
S - BUILDING INSPECTION	$548	$21,604	$4,314	$3,825	$317	$10,518	$12,898	$115	$1,319	$213	$53	$8,310	$19,900
H (INCL Roof & Contents)													
S - SECURE (Pad lock, board up, etc.)	$484	$19,074	$3,808	$3,377	$280	$9,286	$11,388	$101	$1,164	$188	$47	$7,337	$17,569
S - GROUNDS MAINTENANCE	$869	$34,254	$6,839	$6,065	$503	$16,677	$20,450	$182	$2,091	$338	$84	$13,176	$31,552
H													
S - PEST CONTROL	$612	$24,134	$4,819	$4,273	$354	$11,750	$14,408	$128	$1,473	$238	$60	$9,283	$22,231
TWO MONTHS TREAT SECURE CRAWL SPACES													
S-25% CONTINGENCIES	$1,278	$50,390	$10,061	$8,923	$740	$24,533	$30,084	$267	$3,076	$496	$124	$19,383	$46,416
en M&R related to weather & deterioration.													
S-TOTAL COST	$6,378	$251,445	$50,205	$44,522	$3,690	$122,420	$150,119	$1,334	$15,350	$2,478	$620	$96,719	$231,615
YAWAY COST	$6,378	$251,445	$50,205	$44,522	$3,690	$122,420	$150,119	$1,334	$15,350	$2,478	$620	$96,719	$231,615

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umber: IND-0083

ame: MX 1.3A

ction: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

tatus: AMCSO Final

Movement of Non-Vehicle Mission Equipment

For the Industrial mission described in the action at the **losing** site, provide the tonnage of Non-Vehicle Mission Equipment to be moved.

The Red River Internal Working Group

on: This question attempts to identify the total weight in tons (2,000 pounds/ton) of mission equipment moving from one base to another. Mission s defined as all of the equipment on the unit's Table of Equipment less vehicles. The tonnage of common equipment used on more than one action rorated based on the workload hours relocated. Provide a complete answer row for each action listed in the scenario description as it applies to your ter additional rows as necessary.

ternal Database--DPASS

All equipment > $2,500 Acquisition cost, prorated gross weight of all equipment across the transferring workload for all commodities except ssile and manufacturing and fabrication which includes rubber products. The total of all commodities is more accurate for total transferring than for each prorated commodity segment.

e appropriate information in the following table.

Column	1
	Losing Activity: XXXX
	Tonnage
	0.70
	45.39
	10.69
	9.40
	N/A
	16.87
	17.85
	0.24
	4.80
	0.35
	0.24
	57.68
	26.34
TOTAL	190.54

ative Comments: Because of the very limited time available to respond to this question a sort was done on Industrial Equipment that is greater than $2,500.00 appears in this response. Red River does not maintain a database that has total weight of equipment embedded in it. his data is an estimate based on many factors and ultimately the subject matter experts working experience with managing the equipment or Red River. The Army (Red River) apparently does not manage equipment like the rest of the Services. We are AWCF installation and we nket Table of Equipment for the entire installation. If we buy it for industrial operations it is eligible for the table of Equipment allowance. e add it to the TOE is dependent on a multitude of factors. Such as; does it have a good NSN or do we assign a local MSN, is it a controlled We looked across three major categories of Combat & Tactical Vehicles, Tactical Missiles and Rubber Products to do this analyses. All es fall within those three categories.
e equipment is broken down at the installation and the way questions are asked leaves a certain amount of local discretion as to what nes TOE equipment and what is determined to be support equipment.

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leted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

umber: IND-0083

ame: MX 1.3A

ction: 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106

tatus: AMCSO Final

Movement of Support Equipment

For the Industrial mission described in the action at the **losing** site, provide the tonnage of Support Equipment to be moved.

The Red River Internal Working Group

on: This question attempts to identify the total weight in tons (2,000 pounds/ton) of Mission Support equipment moving from one base to another. Miss
s defined as other equipment not included in mission equipment or vehicles that are required by the unit to perform its mission. (Allowed entries 0 to 99
e of common equipment used on more than one action should be prorated based on the workload hours relocated. Provide a complete answer row for e
scenario description as it applies to your activity. Enter additional rows as necessary.

ternal Database--DPASS

All equipment > $2,500 Acquisition cost, prorated gross weight of all equipment across the transferring workload for all commodities except
manufacturing and fabrication which includes rubber products. The total of all commodities is more accurate for total transferring equipme
ed commodity segment.

e appropriate information in the following table.

Column	1
	Losing Activity: XXXX
	Tonnage
	2.37
	153.57
	36.18
	31.81
	N/A
	57.09
	345.32
	0.80
	16.23
	1.19
	0.82
	35.48
	91.09
TOTAL	771.95

ative Comments: Because of the very limited time available to respond to this question a sort was done on Industrial Equipment that is value
0.00 appears in this response. Red River does not maintain a database that has total weight of equipment embedded in it. Therfore, this data
ased on many factors and ultimately the subject matter experts working experience with managing the equipment program for Red River. Th
arently does not manage equipment like the rest of the Services. We are AWCF installation and we have a blanket Table of Equipment for the
n. If we buy it for industrial operations it is eligible for the table of Equipment allowance. Whether we add it to the TOE is dependent on a mult
uch as; does it have a good NSN or do we assign a local MSN, is it a controlled item, etc. We looked across three major categories of Combat
Tactical Missiles and Rubber Products to do this analyses. All commodities fall within those three categories.
e equipment is broken down at the installation and the way questions are asked leaves a certain amount of local discretion as to what is or b
ment and what is determined to be support equipment.
evel equipment can be consdered as TOE under the blanket TOE concept.

SCENARIO
IND-0093
MX 1.4A
LOSING

Scenario #: IND-0093
Scenario Name: MX 1.4A
Scenario Actions:

[redacted]

57 - Realign all depot maintenance workload and capacity for the commodity group ARMAMENT AND STRUCTURAL COMPONENTS from RED RIVER AD to ANNISTON AD (Average Workload (FY03/04/05) = 9.6 K DLH)

58 - Realign all depot maintenance workload and capacity for the commodity group COMBAT VEHICLES from RED RIVER AD to ANNISTON AD (Average Workload (FY03/04/05) = 621.73 K DLH)

59 - Realign 69.81 K DLH of depot maintenance workload and capacity for the commodity group CONSTRUCTION EQUIPMENT from RED RIVER AD to ANNISTON AD (Average Workload (FY03/04/05) = 275.23 K DLH)

60 - Realign 205.42 K DLH of depot maintenance workload and capacity for the commodity group CONSTRUCTION EQUIPMENT from RED RIVER AD to MCLB ALBANY (Average Workload (FY03/04/05) = 275.23 K DLH) Based on the certified

Workload (FY03/04/05) = 0.83 K DLH)

62 - Realign all depot maintenance workload and capacity for the commodity group ENGINES/TRANSMISSIONS from RED RIVER AD to ANNISTON AD (Average Workload (FY03/04/05) = 231.13 K DLH)Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.

63 - Realign all depot maintenance workload and capacity for the commodity group FABRICATION & MANUFACTURING from RED RIVER AD to ANNISTON AD (Average Workload (FY03/04/05) = 342.66 K DLH) Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.

64 - Realign all depot maintenance workload and capacity for the commodity group FIRE CONTROL SYSTEMS AND COMPONENTS from RED RIVER AD to ANNISTON AD (Average Workload (FY03/04/05) = 3.23 K DLH)

65 - Realign all depot maintenance workload and capacity for the commodity group OTHER from RED RIVER AD to ANNISTON AD (Average Workload (FY03/04/05) = 65.7 K DLH)

66 - Realign all depot maintenance workload and capacity for the commodity group POWERTRAIN COMPONENTS from RED RIVER AD to MCLB ALBANY (Average Workload (FY03/04/05) = 4.83 K DLH) Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.

67 - Realign all depot maintenance workload and capacity for the commodity group STARTERS/ALTERNATORS/GENERATORS from RED RIVER AD to MCLB ALBANY (Average Workload (FY03/04/05) = 3.33 K DLH) Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.

68 - Realign all depot maintenance workload and capacity for the commodity group TACTICAL MISSILES from RED RIVER AD to LETTERKENNY AD (Average Workload (FY03/04/05) = 189.2 K DLH)

69 - Realign 279.08 K DLH of depot maintenance workload and capacity for the commodity group TACTICAL VEHICLES from RED RIVER AD to LETTERKENNY AD (Average Workload (FY03/04/05) = 368.8 K DLH) Based on the certified capacity data, additional capacity may be required to accommodate the realigned workload.

70 - Realign 89.72 K DLH depot maintenance workload and capacity for the commodity group TACTICAL VEHICLES from RED RIVER AD to TOBYHANNA AD (Average Workload (FY03/04/05) = 368.8 K DLH)

[redacted]

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umber: IND-0093

ame: MX 1.4A

ction: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

tatus: AMCSO Final

Facilitization Projects and Costs:

By FY, list facilitization projects and projected costs required at the **gaining** site as a result of the assumption of the industrial workload described in

on: This question attempts to identify the projects and the costs that would be associated with realigning industrial missions to new locations. This th MCA and below-MCA threshold projects. All facilitization projects will commence in FY 07 and be concluded NLT the end of FY 08. It includes rades which would be funded directly by the government and required in order to assume the mission, e.g., power, water, and sewage. It includes on upgrades, such as rail and road, required in order to accomplish the assumed industrial mission, e.g., increased embarkation and debarkation does not include transportation infrastructure such as intersection upgrades and additional parking, utilities upgrades, or force protection measures result solely from the projection of an increased workforce. It does not include the installation of equipment, including clean rooms. It does not ected rate increase offsets if these upgrades would be provided by a private entity. All facilitization projects will commence in FY 07 and be NLT the end of FY 08.

We are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

he appropriate information in the following table.

Column	1	2	3	4	5	6	7
on Projects	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

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tive Comments: Red River is the losing organization in all of the actions in this scenario. Therefore, we are not required to respond to this lly. It is however incumbent on us to identify my issues and concerns to ensure that the decision makers have complete and relevant to make informed decisions. If the gaining organizations treat the categories of workload in this scenario as they appear on the surface a s amount of cost will go undetected. For actions 58, 62, & 63 identified to realign to Anniston, for actions 68, and 69 identified to realign to and action 70 to realign to Tobyhanna there is a considerable amount of specialized equipment that they will be unable to identify and ill not be able to account for. The Bradley, MLRS, and Patriot have a large amount of dedicated equipment specific to each respective will be necessary to replicate thousands of square feet to house this specialized equipment that the gaining installation will not be able to the on-going assessment assumes that actual workload (processes and functions) by category to be transferred is the same as the propos

ll reach an inaccurate conclusion. Action 63 alone is a strong point in fact. Action 63 directs realignment of the commodity Fabrication acturing to Anniston. This action doesn't identify that the Rubber Products operations and facility are embedded in this block of DLHs. n, by necessity, would be a foot for foot project to support that mission moving to another installation. There is approximately 410,000 SF nat operation, equipment resident currently only at RRAD and extensive environmental permit requirements to be met, which in the current onstruct are not visible to the proposed gaining installation. Without identifying the workload specifically by system and processes we are recipient of the action to just make an uninformed submission. One other note of worthiness deals with creating bottlenecks in the process working large amounts of end item workload, as in the case of actions 58, 59, 60, 69 and 70, there is a potential of improper planning in the aint prep, paint and chemical cleaning areas.

the work is considered back - lot work and can create a bottleneck that cannot be overcome without extensive injection of resources. t in these types of operations are very limited in most cases and takes a tremendous amount of process space and capacity. Since the Red River are unique to Red River and have never been assigned elsewhere, there are no technical experts in this process, except at this on 68 would probably require a dedicated facility because of operational explosive limits, QD arcs, security requirements and the on facility design characteristics required for operations. We submit the attached white paper to further outline the issues for this nission.

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lumber: IND-0093

lame: MX 1.4A

\ction: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

Status: AMCSO Final

Equipment Costs:

By FY, list major equipment directly associated with the Industrial mission described in the action and the projected costs to disassemble and pack mble that equipment.

:

ion: This question attempts to identify equipment and associated moving and installation costs that would be associated with realigning industrial mi itions. This should be limited to the equipment which is essential to assume the industrial mission. In the case of ammunition production facilities, th de the cost to buy new and also install equipment directly associated with the product line being gained. Depot maintenance activities are not requi question. All equipment shipping will commence in FY 07 if minor or no facilitization projects are required at the gaining site, and in FY 08 if the ces dictate otherwise. In all cases equipment transfers will be concluded NLT the end of FY 09.

-mail dated Dec. 9, 2004.

Guidance was that Depot's do not answer this question. See Other Narrative Comments.

the appropriate information in the following table.

Column	1	2	3	4	5	6	7
ipment To Be "Moved"	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A

TOTAL							

ative Comments: Guidance dated Dec. 9, 2004 was that Depot's do not answer this question. Depot maintenance activities are not requir
s question. We understand this guidance is predicated on an equation that evolves around either acquisition cost or replacement cost.
entifying the specific essential equipment associated with each block of workload there is nothing to base an assessment on for facilitiz
el workstations that support the capacity and capability analysis for the receiving activity. In every case, there is unique equipment ass
ocesses necessary to support specific requirements of the various systems (i.e. engines, transmissions, front end alignment, armament
ds, fluidized bed, turret alignment, automated test equipment, missile recertification, etc.) Much of that equipment is contractor suppor
es special disassembly, transportation, site preparation, installation and calibration. Site preparation alone just to support the unique
will run into the millions of dollars. In the case of action 68, Tactical Missiles to Letterkenny, this is the Patriot and HAWK missile

. This action has been studied, re-studied, evaluated and in every instance, it has been determined that this mission has remain at Red R
nent is fairly old and has been modified and updated in place. Even though this equipment is generally reliable, moving electronic test
of this nature to another site successfully and in time to not impact U.S. and FMS missile readiness is not attainable. Depreciation, it ap
eated as a wash, when in fact it has a direct impact on the cost of the product that is being charged to the customer. The move, set up,
and certification of the equipment will be a cost that will have to be charged to the programs and will increase the gaining organizations
scope of the transferred man-hours to defer those costs. Probably not considered a cost of BRAC but it is a real cost to the Army and t

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umber: IND-0093

ame: MX 1.4A

ction: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

tatus: AMCSO Final

Ammunition Transportation Costs:

By FY, list short tons of ammunition to be shipped and the cost to ship by ton from the **losing** site to the gaining site described in the action.

The Red River Internal Working Group

on: This question attempts to identify the weight (ST) quantities and costs to move ammunition result from a decision to realign industrial missions to r
Assumptions to be used to calculate the tonnage to be shipped are: 1. Losing sites will fill requirements and be drawn down in place prior to filling
ts from other sites (ship 1st); 2. No further receipts will be issued to losing sites; 3. Demilitarization will continue at both losing and gaining sites at the
d (funded) rate. Shipping will commence in 2008 and be concluded NLT the end of FY 10. Any facilitization required at the gaining site as a result of t
nsfer will be captured in question #S0021.

e Red River Internal Working Group

Ammunition was not a part of any of the actions to disestablish Red River. This scenario addressed the Industrial base only. See Other Narr
.

he appropriate information in the following table.

Column	1	2	3	4	5	6	7	8
on Designation	**Shipping Cost / ST**	**Short Tons to be Shipped in Scenario Years 1 thru 6**						**Comments**
		FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
								N/A
TOTAL								

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ıtive Comments: There are no actions for Red River in this scenario for Ammunition. Sitting at the bottom looking up, there is a deep conce sessment for Red River will/won't integrate all of those that reside on the industrial complex. Being a special installation under AMC carries rks and penalties in the way we account for doing business. In this Scenario, Action 68 realigns Tactical Missiles to Letterkenney. If this ac rom a simple face value process the fact that all of the missiles are stored here at Red River in the Red River Munitions Center will never get d will not get factored into the cost associated with the realignment. Not only that, it would have a devastating effect on the operations and omer during and after BRAC. Someone would have to pay to fix that issue.

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ction: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

tatus: AMCSO Final

Training Costs:

By FY, describe and list the training costs required in order to prepare the workforce at the **gaining** site to assume the new industrial mission described

ion: This question attempts to identify all employee training that would be required to support a decision to realign industrial missions to new locations. nclude TDY for personnel from the gaining site to the losing site and vice versa. Presume 75% of the direct labor currently performing the mission at th cate to the gaining site. Do not include costs related to First Article Testing (FAT). In all cases assume training will commence in FY 07 and be compl

We are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

he appropriate information in the following table.

Column	1	2	3	4	5	6	7
Training at Gaining Installation	**Projected Training Costs in Scenario Years 2 thru 4**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

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tive Comments: Red River is not required to identify training since we are the losing site. The guidance in the Industrial Template requires t
to make an assumption that 75% of the personnel will realign with the mission. Under that assumption, we calculate that approximately 95
uld relocate to the various sites identified in the scenario (1615 X 2,121,580 X .75 = 985). A review of the history does not support that assum
istic assumption would be in the 5-10% range, which would further erode the transfer of corporate knowledge on each specific category of v
t equipment will be transferring during the years that are required to program training and that is a necessary piece of the training, especial
y unique pieces of equipment. The reality of the matter is that the training base will erode once the action becomes law and the quality of t
uspect. In the case of action 68 this could be devastating to that mission. It takes in excess of 3 years to fully train the certification technici
level. Command and control is a stroke of a pen and may have its merits; however, moving this entire operation
port the long term sustainment nor the near term readiness of this weapon system.

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lumber: IND-0093

lame: MX 1.4A

ction: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

tatus: AMCSO Final

IT Projects and Costs:

By FY, list the IT projects and costs required in order to assume the new mission described in the action.

ion: This question attempts to identify all IT projects and costs that would be involved as a result of a decision to realign industrial missions to new loca
d include extending and modernizing IT infrastructure on the base for those requirements directly attributable to the new Industrial mission, e.g., CAD/C
on management, technical drawings, and manuals. These may also include IT infrastructure requirements based on a per capita increase in base perso
work station equipment which is not directly required to accomplish the Industrial mission. The timeline will equate to Facilitization projects and Equipm
phs 1 and 2 respectively.

We are the losing site in all of the noted Actions so this question is N/A to us. See Other Narrative Comments.

the appropriate information in the following table.

Column	1	2	3	4	5	6	
	Projected Costs in Scenario Years 1 through 6						
	FY06	FY07	FY08	FY09	FY10	FY11	Com
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
							N/A
TOTAL							

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F

tive Comments: Red River being the losing site in all of the actions identified for this scenario has no input. The Services (Army especially) ing the technical data for life cycle support of many of their systems. Understandably, the PMs and PEOs are trying to squeeze as much har dollars. This creates an issue down the road for the industrial base. We have encountered this on many systems in recent times as recent a ent of the RECAP program for the HEMTT.

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tatus: AMCSO Final

Contract Termination Costs:

By FY, list all contracts of amounts in excess of $1M with beginning and end dates which are performed at the **losing** site in direct support of the indust
the action.

The Red River Internal Working Group

on: This question attempts to identify all contracts that would need to be terminated, moved, or comp[eted and awarded at a new site that would result
realign industrial missions to new locations. Provide a contract termination estimate for any contract which concludes after FY 09 that would include su
ude any BASOPS-related contracts or support contracts not directly related to industrial workload described in the action.

dministrative Workload spreadsheet, Ditector of Contracting

**Only those contracts breaking $1M are listed. There will be no termination cost because Red River will manage out year contracts to ensure
t time of workload transfer execution.** See Other Narrative Comments.

he appropriate information in the following table.

Column	1	2	3	4	5	6	7	8	7	
		Dates		Projected Termination Costs in Scenario Years 1 through 6						
	Total Funded Amount (>$1M)	Start	End	FY06	FY07	FY08	FY09	FY10	FY11	Com
58, 59, 60, 61, 62	$0.00									
s Keppel Technology, Inc.	$6,100,000.00	Sep-03	Mar-05							Rubber denu
ear	$4,300,000.00	Feb-04	Dec-04							Long bushin
ear	$2,000,000.00	Aug-04	Mar-05							Shoulder Pir
orporation	$2,500,000.00	May-04	May-06							Nuts
Wheel and Forged Products	$9,600,000.00	May-04	May-06							Roadwheels
Techno Incorporated	$1,800,000.00	Sep-04	Sep-05							Track block
65, 66, 67, 68	$0.00									
70										
Wheel International	$30,300,000.00	Dec-04	Dec-06							HEMTT Whe
nson Industries	$12,000,000.00	May-04	May-05							HMMWV wh assy
Williams	$8,100,000.00	Sep-04	May-05							HMMWV po

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TOTAL										

ative Comments: There are many various and recurring contracts that supports production which do not breach the > $1M threshold. There a
acts that carry a termination cost at this time. Red River would manage contracts in the future to ensure that situation would not exist. Red R
io in all actions identified above is the losing site. The issue would be if there are support contracts in place on work to be transferred wher
source that may or may not breach the $1M. Not much of an issue, but in the case of rubber production, the QPL on much of the required pr

ed, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

ıber: IND-0093

ıe: MX 1.4A

on: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

us: AMCSO Final

st Avoidances:

FY, for the Industrial mission described in the action, for the losing site, list the following: 1. Approved and budgeted MCA projects; 2. Approved and budgeted Capital Improvement Projects (CIP) tilized Plant Capacity (UPC) subsidies.

ıe Red River Internal Working Group

This question attempts to identify the magnitude of the effects on a losing site, which would result from a decision to realign industriasl missions to a new location.

, Internal CIP records, Resource Mangement

lividual CIP and MCA Projects support many categories of workload they are not pro raed but shown in its entire scope. See Other Narrative Comments and NOTES.

appropriate information in the following table.

Column	1	2	3	4	5	6	7	8
sion Projects	Category (MCA, CIP, or UPC)	Projected Costs in Scenario Years 1 through 6 FY06	FY07	FY08	FY09	FY10	FY11	Comments
59, 60, 62, 63, 64, 65, 66, 67, 69, 70	CIP	$2,795,000.00						
Projects								
VE THROUGH BLAST BAY								
M/TACTICAL VEHICLE/DRIVE THROUGH								
H COMPONANT PARTS								
LEANING SYSTEM								
EM UPGRADE								
59, 60, 62, 64, 65, 66, 67, 69, 70	CIP		$2,075,000.00					
Additional Projects								
ne Test Cells								
59, 60, 62, 64, 65, 66, 67, 69, 70	CIP			$155,500.00				
Additional Projects								
rator Test Stand								
	CIP		$598,000.00					
Additional Projects								
ast - Track								
ast -Road Wheels								
	CIP	$2,905,000.00						
Additional Projects								
DF								
60, 69, 70	MCA			$49,000,000.00			$4,000,000.00	
Projects								
rs Systems Sustainment Center								Appears in FY08 FYD
ility								
Shop (Body Repair)								
								UPC Prorated to vari actions
	UPC	$3,204.00	$2,421.00	$2,263.50	$2,313.00	$2,358.00	$576.00	
	UPC	$208,687.20	$157,687.80	$147,429.30	$150,653.40	$153,584.40	$37,516.80	
	UPC	$23,424.80	$17,700.20	$16,548.70	$16,910.60	$17,239.60	$4,211.20	

	UPC	$68,921.60	$52,078.40	$48,690.40	$49,755.20	$50,723.20	$12,390.40	
	UPC	$2,064.80	$1,560.20	$1,458.70	$1,490.60	$1,519.60	$371.20	
	UPC	$77,536.80	$58,588.20	$54,776.70	$55,974.60	$57,063.60	$13,939.20	1
	UPC	$114,988.00	$86,887.00	$81,234.50	$83,011.00	$84,626.00	$20,672.00	1
	UPC	$1,068.00	$807.00	$754.50	$771.00	$786.00	$192.00	
	UPC	$22,072.00	$16,678.00	$15,593.00	$15,934.00	$16,244.00	$3,968.00	
	UPC	$1,637.60	$1,237.40	$1,156.90	$1,182.20	$1,205.20	$294.40	
	UPC	$1,139.20	$860.80	$804.80	$822.40	$838.40	$204.80	
	UPC	$63,510.40	$47,989.60	$44,867.60	$45,848.80	$46,740.80	$11,417.60	
	UPC	$93,628.00	$70,747.00	$66,144.50	$67,591.00	$68,906.00	$16,832.00	1
	UPC	$30,117.60	$22,757.40	$21,276.90	$21,742.20	$22,165.20	$5,414.40	
TOTAL		$712,000.00	$538,000.00	$503,000.00	$514,000.00	$524,000.00	$128,000.00	

e Comments: It is felt that the cost associated with this question can be identified as a cost avoidance but that is not necessarily so. Much of the equipment that are receiving capi
will transfer and will require upgrade regardless of where the work is performed. Not all CIP and MCA projects can be classified as cost avoidances and to categorically assume t
of the CIP's are upgrades to existing unique required equipment and are necessary regardless of where the work is performed. Each must be examined on a case-by-case basis to
question for this scenario does not ask us to differentiate. Even though in this scenario it directs that we disestablish the Industrial Mission it remains silent on all other tenants ar
tion. If a project supports anything out side the industrial mission it is not included or identified in this scenario. For every cost avoidance that we are trying to identify, on the reve
many "costs incurred" that have not been identified. An example would be the centralized boiler that directly supports the industrial complex.

P listing has dramatically changed from previous submissions under scenario IND-0063 and IND-0083. Red River has received authority and approval for accelerated funding for $2
be moved foreward to 2005. Those projects have fallen from visibility, because they will be funded and completed prior to the requested years identified for this scenario.

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tion: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

tus: AMCSO Final

nvironmental Costs:

st any requirements related to permits/wavers/restrictions to assume the Industrial mission described in the action at the **gaining** site.

The Red River Internal Working Group

n: This question attempts to gather information about the cost of environmental actions that would be required as a result from a decision to realign industrial missions to new locatic
timate of the cost to comply/obtain. List any requirements related to decommissioning at the losing site and provide an estimate of the cost to comply. Assume any
rs/restrictions must be obtained by end FY 08. Assume decommissioning must be complete NLT end FY 11.

AC Internal Working Group--Closure Plans -NEPA Documents--Historical Files

Identified cost to decommission entire industrial base and take to a caretaker level. See Other Narrative Comments.

e appropriate information in the following table.

Column	1	2	3	4	5	6	7
ver / Restrictions / Decommissioning Requirements	**Projected Costs in Scenario Years 1 through 6**						**Commen**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
			$16,088.00	$14,273.00	$14,574.00	$14,574.00	All Actions: See a
			$632,066.00	$561,290.00	$573,119.00	$573,119.00	Environmental Lis
			$60,392.00	$53,633.00	$54,763.00	$54,763.00	
			$177,626.00	$157,768.00	$161,092.00	$161,092.00	
			$9,214.00	$8,176.00	$8,348.00	$8,348.00	
			$400,254.00	$273,310.00	$279,070.00	$279,070.00	
			$1,092,674.00	$778,987.00	$783,097.00	$783,097.00	
			$3,303.00	$2,960.00	$3,022.00	$3,022.00	
			$38,551.00	$34,238.00	$34,960.00	$34,960.00	
			$6,283.00	$5,550.00	$5,667.00	$5,667.00	
			$1,569.00	$1,416.00	$1,445.00	$1,445.00	
			$82,638.00	$73,376.00	$74,922.00	$74,922.00	
			$440,571.00	$391,242.00	$399,487.00	$399,487.00	
			$141,635.00	$125,778.00	$128,428.00	$128,428.00	
SUB TOTAL			$3,102,864.00	$2,481,997.00	$2,521,994.00	$2,521,994.00	
TOTAL of FY08 thru FY11							**$10,628,849**

ve Comments: Cost are to a level to prevent health and safety violation and to prepare facilities to a caretaker level. This is a level above caretaker and remediation.
n down to task within each action if necessary. See List below. Back-up is available. We have been asked in this scenario to figure the cost of decommissioning the
e. We view this as the level required ensuring there are no hazards to health or safety and it is a level above remediation. We have done that to the best of our abilit
e allowed. However, we knocked the top off and made very sound assumptions. Also, during this period (even though we were not asked) we took the opportunity
ink the environmental cost would be for a gaining installation. I will submit this cost as a consideration and a possible crosswalk for those responsible for developi
timate is approximately $23.8M and is outlined in the attached spreadsheet for the gaining site and approximately $11.3M for decommissioning at this site.

ental List Actions to Achieve Minimal Caretaker Status							
Disposal							
aste Haz-Storage Bldg. 479							
ose Chem. Vats 345,319 493							
ns. In parts vats at Lines							
Media all location of D/Cs							
& Dispose Oil Water Seperators							
Booth Filter,coating, paper							
Cans, Oil Dry, Rags, etc							
Tanks							
ze							
ds							
n Hazardous Areas and Begin Closer Process IAW RCRA Permit							
mitted Haz-Storage Unit							
mitted Haz-Storage Unit							
mitted Haz-Storage Unit							
red Boiler Plant							
ntaminated With Heavy Metals							
493							
ts cleaning area under vats							
late area under vats							
ea under parts cleaning vats							
o POL mater cells and drainage							
tery Shop Acid storage/use							
el & Used Oil tanks							
rage							
S of 406							
Vats De-con Clean							
Vats De-con Clean							
Vats De-con Clean							
0 Vats De-con Clean							
crubbers De-con Clean							
crubber De-con Clean							
con cutting fluids/POL from floor							
con cutting fluids/POL from floor							
q ft. Cadmium (cad) prep area							
contaminated area prep grinding							
from Coal Pile run-off lagoon							
for any concerns all maint. Area							
lity de-con/clean							
ns Blast Bays, Cab, D/C etc							
dies, cost for closure							
Studies, test, cost for closure							

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ated, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0093

me: MX 1.4A

tion: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

atus: AMCSO Final

.ayaway Costs:

or the Industrial mission described in the action at the **losing** site, provide a listing of actions required and the related costs to place the vacated industrial space into a taker layaway status.

The Red River Internal Working Group

n: This question attempts to identify the actions and costs associated with placing any site into a minimal caretaker layaway status as the result of decisions to realign sions to a new location. These costs could include removing POL, corrosives, and chemicals from machinery; holding/storage pits and areas; draining pipes, and cilities. They would not include the costs of any environmental remediation. This question does not apply to munitions storage activity. Assume layaway will n FY 09 and be complete NLT end FY 11.

S-Engineering Performance Standards, Real Property Records, and IFS-M estimating standards.

se of analytical calculations are based on RPM expertise, knowledge, and opinon to meet the needs for a minimal layaway status and maintenance of ission commodities groups at RRAD in anticipation of future occupation. A consolidated generic punch list was used n order to cover the widest ge. See Other Narrative Comments.

e appropriate information in the following table.

Column	1	2	3	4	5	6	7
chieve Minimal Caretaker Status	**Projected Costs in Scenario Years 1 through 6**						**Comments**
	FY06	**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	
				$6,377.54	$6,377.54	$6,377.54	**All Actions**: See attached
				$251,445.04	$251,445.04	$251,445.04	worksheets for breakout of
				$24,023.00	$24,023.00	$24,023.00	cost by FY09, 10, 11 and
				$70,704.00	$70,704.00	$70,704.00	task.
				$3,690.00	$3,690.00	$3,690.00	
				$122,420.00	$122,420.00	$122,420.00	
				$150,119.00	$150,119.00	$150,119.00	Incls Rubber Prods Fac
				$1,334.00	$1,334.00	$1,334.00	
				$15,350.00	$15,350.00	$15,350.00	
				$2,480.00	$2,480.00	$2,480.00	
				$620.00	$620.00	$620.00	
				$96,719.00	$96,719.00	$96,719.00	Patriot and HAWK
				$174,506.00	$174,506.00	$174,506.00	
				$56,109.00	$56,109.00	$56,109.00	
TOTAL				$975,896.58	$975,896.58	$975,896.58	

tive Comments: Cost has been prorated among the actions. There are mutiple categories of work performed in most facilities. Prorated cost across uilding and action. We have figured the cost of layaway for each action. This was done by looking at the current workload in each facility and cross he action required by this scenario. We used the composite labor rate constant FY05 dollars for our DPW personnel. Caretaker was prorated by action scenario since several commodities are worked in many of the same buildings across the industrial complex. The drum-roll cost across FY09-FY11 is ely $2.9M as outlined by task and computation in the workbook. Detailed backup available.

Scenario Number: IND-0093 **Scenario Name:** MX 1.4A **Scenario Action:**

COMMODITY GROUP: OUT YEAR LAYAWAY COST (FY 09)

		57	58	59	60	61	62	63	64	65	66	67	68	69	70
		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
LECTRIC															
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
VATER															
KILL/DISSY VALVES LEEDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY TAPE/SEAL TO PREVENT AIR FLOW		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
EWER															
DISCONNECT/FLUSH LINES AINS (Take up commodes & seal), TRAPS, ETC.		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
NDUSTRIAL WASTE															
FLUSH LINES/SEAL		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
TEAM LINES															
SHUT OFF/SEAL		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
AT'L GAS															
TOP OFF @ MAIN & SEAL		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
5% CONTINGENCIES		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
en M&R related to weather & deterioration.															
OTAL COST		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$
HUMIDITY CONTROL		$1,229	$48,465	$4,629	$13,627	$711	$23,596	$28,935	$257	$2,959	$478	$120	$18,642	$33,781	$10,86
FIRE PROTECTION		$1,358	$53,525	$5,112	$15,048	$786	$26,060	$31,956	$284	$3,268	$527	$132	$20,588	$37,308	$11,99
BUILDING INSPECTION		$548	$21,604	$2,063	$6,074	$317	$10,518	$12,898	$115	$1,319	$214	$53	$8,310	$14,302	$4,59
INCL Roof & Contents)															
SECURE (Pad lock, board up, etc.)		$484	$19,074	$1,821	$5,364	$280	$9,286	$11,388	$101	$1,164	$188	$47	$7,337	$13,294	$4,21
GROUNDS MAINTENANCE		$869	$34,254	$3,271	$9,633	$503	$16,677	$20,450	$182	$2,091	$338	$84	$13,176	$23,875	$7,67
PEST CONTROL		$612	$24,134	$2,305	$6,787	$354	$11,750	$14,408	$128	$1,473	$239	$60	$9,283	$16,822	$5,40
WO MONTHS TREAT SECURE CRAWL SPACES															
25% CONTINGENCIES		$1,278	$50,390	$4,812	$14,172	$740	$24,533	$30,084	$267	$3,076	$496	$124	$19,383	$35,123	$11,29
n M&R related to weather & deterioration.															
TOTAL COST		$6,378	$251,445	$24,013	$70,704	$3,690	$122,420	$150,119	$1,334	$15,350	$2,480	$620	$96,719	$174,506	$56,16
AWAY COST		$6,378	$251,445	$24,013	$70,704	$3,690	$122,420	$150,119	$1,334	$15,350	$2,480	$620	$96,719	$174,508	$56,16

Scenario Number: IND-0093 **Scenario Name:** MX 1.4A **Scenario Action**

COMMONDITY GROUP: OUT YEAR LAYAWAY COST (FY 10)

		57	58	59	60	61	62	63	64	65	66	67	68	69	70
ELECTRIC		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT															
WATER		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
KILL/DISSY VALVES															
BLEEDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY															
TAPE/SEAL TO PREVENT AIR FLOW															
SEWER		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
DISCONNECT/FLUSH LINES															
AINS (Take up commodes & seal), TRAPS, ETC.															
INDUSTRIAL WASTE		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
FLUSH LINES/SEAL															
STEAM LINES		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
SHUT OFF/SEAL															
NAT'L GAS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
TOP OFF @ MAIN & SEAL															
25% CONTINGENCIES		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
een M&R related to weather & deterioration.															
TOTAL COST		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
-HUMIDITY CONTROL		$1,229	$48,465	$4,629	$13,627	$711	$23,596	$28,935	$257	$2,959	$478	$120	$18,642	$33,781	$10,8
- FIRE PROTECTION		$1,358	$53,525	$5,112	$15,048	$786	$26,060	$31,956	$284	$3,268	$527	$132	$20,588	$37,308	$11,9
- BUILDING INSPECTION		$548	$21,604	$2,063	$6,074	$317	$10,518	$12,898	$115	$1,319	$214	$53	$8,310	$14,302	$4,3
(INCL Roof & Contents)															
- SECURE (Pad lock, board up, etc.)		$484	$19,074	$1,821	$5,364	$280	$9,286	$11,388	$101	$1,164	$188	$47	$7,337	$13,294	$4,2
- GROUNDS MAINTENANCE		$869	$34,254	$3,271	$9,633	$503	$16,677	$20,450	$182	$2,091	$338	$84	$13,176	$23,875	$7,6
- PEST CONTROL		$612	$24,134	$2,305	$6,787	$354	$11,750	$14,408	$128	$1,473	$239	$60	$9,283	$16,822	$5,4
TWO MONTHS TREAT SECURE CRAWL SPACES															
-25% CONTINGENCIES		$1,278	$50,390	$4,812	$14,172	$740	$24,533	$30,084	$267	$3,076	$496	$124	$19,383	$35,123	$11,2
een M&R related to weather & deterioration.															
-TOTAL COST		$6,378	$251,445	$24,013	$70,704	$3,690	$122,420	$150,119	$1,334	$15,350	$2,480	$620	$96,719	$174,506	$56,1
YAWAY COST		$6,378	$251,445	$24,013	$70,704	$3,690	$122,420	$150,119	$1,334	$15,350	$2,480	$620	$96,719	$174,506	$56,1

Scenario Number: IND-0093 **Scenario Name:** MX 1.4A **Scenario Action:**

COMMODITY GROUP: OUT YEAR LAYAWAY COST (FY 11)

		57	58	59	60	61	62	63	64	65	66	67	68	69	70
LECTRIC		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
DISCONNECT, LOCK OUT/TAG OUT DOCUMENT															
/ATER		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
KILL/DISSY VALVES LEEDER VALVES TO DRAIN (w/o Stop & Waste) FLUSH LINES DRY TAPE/SEAL TO PREVENT AIR FLOW															
EWER		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
DISCONNECT/FLUSH LINES AINS (Take up commodes & seal), TRAPS, ETC.															
IDUSTRIAL WASTE		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
FLUSH LINES/SEAL															
TEAM LINES		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
SHUT OFF/SEAL															
AT'L GAS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
TOP OFF @ MAIN & SEAL															
5% CONTINGENCIES		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
n M&R related to weather & deterioration.															
OTAL COST		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
HUMIDITY CONTROL		$1,229	$48,465	$4,629	$13,627	$711	$23,598	$28,935	$257	$2,959	$478	$120	$18,642	$33,781	$10,86
FIRE PROTECTION		$1,358	$53,525	$5,112	$15,048	$786	$26,060	$31,956	$284	$3,268	$527	$132	$20,588	$37,308	$11,99
BUILDING INSPECTION		$548	$21,604	$2,063	$6,074	$317	$10,518	$12,898	$115	$1,319	$214	$53	$8,310	$14,302	$4,59
INCL Roof & Contents)															
SECURE (Pad lock, board up, etc.)		$484	$19,074	$1,821	$5,364	$280	$9,286	$11,388	$101	$1,164	$188	$47	$7,337	$13,294	$4,27
GROUNDS MAINTENANCE		$869	$34,254	$3,271	$9,633	$503	$16,677	$20,450	$182	$2,091	$338	$84	$13,176	$23,875	$7,67
PEST CONTROL		$612	$24,134	$2,305	$6,787	$354	$11,750	$14,408	$128	$1,473	$239	$60	$9,283	$16,822	$5,40
WO MONTHS TREAT SECURE CRAWL SPACES															
5% CONTINGENCIES		$1,278	$50,390	$4,812	$14,172	$740	$24,533	$30,084	$267	$3,076	$496	$124	$19,383	$35,123	$11,29
n M&R related to weather & deterioration.															
TOTAL COST		$6,378	$251,445	$24,013	$70,704	$3,690	$122,420	$150,119	$1,334	$15,350	$2,480	$620	$96,719	$174,506	$56,19
AWAY COST		$6,378	$251,445	$24,013	$70,704	$3,690	$122,420	$150,119	$1,334	$15,350	$2,480	$620	$96,719	$174,506	$56,19

leted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

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ction: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

tatus: AMCSO Final

Movement of Non-Vehicle Mission Equipment

For the Industrial mission described in the action at the **losing** site, provide the tonnage of Non-Vehicle Mission Equipment to be moved.

The Red River Internal Working Group

on: This question attempts to identify the total weight in tons (2,000 pounds/ton) of mission equipment moving from one base to another. Mission equ all of the equipment on the unit's Table of Equipment less vehicles. The tonnage of common equipment used on more than one action should be prorat d hours relocated. Provide a complete answer row for each action listed in the scenario description as it applies to your activity. Enter additional rows

ternal Database–DPASS

All equipment > $2,500 Acquisition cost, prorated gross weight of all equipment across the transferring workload for all commodities except d manufacturing and fabrication which includes rubber products. The total of all commodities is more accurate for total transferring equipme ted commodity segment.

he appropriate information in the following table.

Column	1
	Losing Activity: XXXX
	Tonnage
	0.70
	45.39
	5.13
	15.11
	N/A (no Equipment for this action)
	16.87
	17.85
	0.24
	4.38
	0.37
	0.24
	57.68
	20.37
	6.55
TOTAL	190.88

ative Comments: Because of the very limited time available to respond to this question a sort was done on Industrial Equipment that is valu
n $2,500.00 appears in this response. Red River does not maintain a database that has total weight of equipment embedded in it. Therfore, t
e based on many factors and ultimately the subject matter experts working experience with managing the equipment program for Red River.
apparently does not manage equipment like the rest of the Services. We are AWCF Installation and we have a blanket Table of Equipment f
llation. If we buy it for industrial operations it is eligible for the table of Equipment allowance. Whether we add it to the TOE is dependent on
f factors. Such as; does it have a good NSN or do we assign a local MSN , is it a controlled item, etc. We looked across three major categor
Tactical Vehicles, Tactical Missiles and Rubber Products to do this analyses. All commodities fall within those three categories.
e equipment is broken down at the installation and the way questions are asked leaves a certain amount of local discretion as to what is or b
ment and what is determined to be support equipment.
evel equipment can be considered as TOE under the blanket TOE concept.

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eted, these data are sensitive (FOUO), but unclassified; transmit on a need-to-know basis only by disk, hard-copy, or fax.

mber: IND-0093

me: MX 1.4A

tion: 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

atus: AMCSO Final

Movement of Support Equipment

or the Industrial mission described in the action at the **losing** site, provide the tonnage of Support Equipment to be moved.

The Red River Internal Working Group

n: This question attempts to identify the total weight in tons (2,000 pounds/ton) of Mission Support equipment moving from one base to another. Mission Support equip ipment not included in mission equipment or vehicles that are required by the unit to perform its mission. (Allowed entries 0 to 99,999 tons). The tonnage of common eq n one action should be prorated based on the workload hours relocated. Provide a complete answer row for each action listed in the scenario description as it applies to y nal rows as necessary.

rnal Database--DPASS

All equipment > $2,500 Acquisition cost, prorated gross weight of all equipment across the transferring workload for all commodities except tactical missile ing and fabrication which includes rubber products. The total of all commodities is more accurate for total transferring equipment than for each prorated co

e appropriate information in the following table.

Column	1
	Losing Activity: XXXX
	Tonnage
	2.37
	153.57
	17.37
	51.11
	N/A (no Equipment for this action)
	57.09
	345.32
	0.80
	14.82
	1.19
	0.82
	35.48
	68.93
	22.16
TOTAL	771.03

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**ive Comments: Because of the very limited time available to respond to this question a sort was done on Industrial Equipment that is valued at greater than
is response. Red River does not maintain a database that has total weight of equipment embedded in it. Therfore, this data is an estimate based on many f
e subject matter experts working experience with managing the equipment program for Red River. The Army (Red River) apparently does not manage equi
ervices. We are AWCF installation and we have a blanket Table of Equipment for the entire installation. If we buy it for industrial operations it is eligible for t
llowance. Whether we add it to the TOE is dependent on a multitude of factors. Such as; does it have a good NSN or do we assign a local MSN, is it a cont
ed across three major categories of Combat & Tactical Vehicles, Tactical Missiles and Rubber Products to do this analyses. All commodities fall within thos**

**equipment is broken down at the installation and the way questions are asked leaves a certain amount of local discretion as to what is or becomes
ent and what is determined to be support equipment.
el equipment can be considered as TOE under the blanket TOE concept.**