

1. COMPONENT AR		FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Mar 13	
3. INSTALLATION AND LOCATION Charlotte USARC Charlotte,NC			4. PROJECT TITLE AMSA 122 Addition			
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 214	7. PROJECT NUMBER CAR 13-NC100		8. PROJECT COST (\$000)	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>					_____	
Maintenance Building		SF	7,247		(_____	
<u>SUPPORTING FACILITIES:</u>					_____	
Site Improvement		LS	-		(_____	
MEP/Aprons		SY	7,567		(_____	
Bi-Level Loading Ramp		EA	1		(_____	
POV Parking		SY	1,500		(_____	
Information Systems		LS	-		(_____	
Antiterrorism/Force Protection		LS	-		(_____	
TOTAL CONSTRUCTION COST					_____	
Contingencies (5.0%)					_____	
Supervision and Administration (5.7%)					_____	
TOTAL PROJECT COST					_____	
Equipment Provided By Exchange Partner				(Non-Add)	_____	
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Construct a new drive-thru maintenance facility to support Area Maintenance Support Activity (AMSA) 122. Building will be permanent construction with reinforced concrete foundations; concrete floor slabs; reinforced concrete or masonry walls; low-slope or sloped roof; Heating, Ventilation and Air Conditioning (HVAC); and plumbing, mechanical, security and electrical systems. Supporting facilities include land clearing, demolition of existing loading ramp, paving, fencing, general site improvements and utility connections to include tying in storm water system to exit property. Additional requirements include; bi-level equipment loading ramp, Privately Owned Vehicle (POV) and Military Equipment Parking (MEP), arms vault, and a 10-ton overhead crane. Accessibility for the disabled will be provided. Anti-Terrorism/Force Protection (AT/FP) and physical security measures will be incorporated into the design including maximum standoff distances from roads, parking areas and vehicle unloading areas. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 50 years. Energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance.</p>						

1. COMPONENT AR	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Mar 13	
3. INSTALLATION AND LOCATION Charlotte USARC Charlotte, NC			
4. PROJECT TITLE AMSA 122 Addition	5. PROJECT NUMBER CAR 13-NC100		
12. SUPPLEMENTAL DATA			
(e) Parametric Cost Estimating Used to Develop Cost.....	<u>Yes</u>		
(f) Type of Design Contract.....	<u>Design -</u> <u>Bid - Build</u>		
(g) An energy study and life cycle cost analysis will be documented during the final design.			
(2) Basis:			
(a) Standard or Definitive Design.....	<u>No</u>		
(b) Where Design Was Most Recently Used.....	<u>N/A</u>		
(3) Total Cost (c) = (a) + (b) or (d) + (e) (\$000):			
(a) Production of Plans and Specifications.....	-		
(b) All Other Design Costs.....	-		
(c) Total.....	-		
(d) Contract.....	-		
(e) In-house.....	-		
(4) Construction Award.....	-		
(5) Construction Start.....	-		
(6) Construction Completion.....	-		
b. Equipment associated with this project will be provided by exchange partner:			
<u>Equipment</u> Nomenclature	<u>Procuring</u> Appropriation	<u>Fiscal Year</u> Appropriated or Requested	<u>Cost</u> (\$000)
IT Equipment	OMAR	2014	
Collateral Equip	OMAR	2014	
Furniture	OMAR	2014	
Total:			
Point of Contact: Mr. Gregory, 703-806-6779			

1. COMPONENT AR	FY 2013 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Mar 13			
3. INSTALLATION AND LOCATION Charlotte USARC, Charlotte, NC				4. AREA CONSTR COST INDEX 0.8			
11. PERSONNEL STRENGTH AS OF 26 Mar 2013							
	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	16	0	0	16	0	0	0
ACTUAL	16	0	0	16	0	0	0
12. RESERVE UNIT DATA							
	ASGD/AUTH	0%	STRENGTH				
UNIT DESIGNATION			AUTHORIZED	ACTUAL			
Totals			0	0			
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE			AUTHORIZED	ACTUAL			
Wheeled Vehicles			0	0			
Trailers			0	0			
Tracked Vehicles			0	0			
Totals			0	0			
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
				(\$000)			
Air Pollution					0		
Water Pollution					0		
Safety and Occupational Health					0		

Project Number : NC100
Project Title : AMSA 122 Addition
FACID : NC100

Project Validation

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve units in the area in which this facility is to be located has been reviewed in accordance with DOD Directive 1225.7. It has been determined, in coordination with all other Services having Reserve units in the area, that the number of units of the Reserve components of the Armed Forces presently located in the area and those which have been allocated to the area for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength.

RSC/Installation Commander

Project Number : NC100
 Project Title : AMSA 122 Addition
 Date: Mar 26, 2013

Information Systems

Description	Authorized	Approved	Criteria
1. Administrative Area:			
Full Time:	0	0	1 per full time employee
Unit Exclusive:	0	0	1 per auth excl space
Unit Common:	0	0	1 per 6 on largest drill
Retention:	1	1	1 per center
2. Supply Areas:			
Supply Offices:	0	0	1 per supply office
3. Maintenance Shop Areas:			
OMS Shop Office:	0	0	1 per 2 desks
AMSA Shop Office:	2	2	1 per desk
AMSA Classrooms:	1	1	1 per AMSA
AMSA Commo/Elec Shop:	0	0	1 per shop
AMSA Instrument Repair:	0	0	1 per shop
AMSA Small Arms Repair:	1	1	1 per shop
OMS/AMSA Shop/Workbay Area:	1	1	1 per shop
AMSA Supply Room:	1	1	1 per shop
AMSA Tool Room:	1	1	1 per shop
4. Support Areas:			
Fire Alarm:	1	1	1 per center
IDS/JSIDS:	1	1	1 per center
Special:	0	0	as justified on encl.
Total Instruments:	10	10	

Project Number : NC100

Project Title : AMSA 122 Addition

Date: Mar 26, 2013

Information Systems

Description	Authorized	Approved	Criteria
Construction Primary Funded (\$000)		\$	
Construction Support Funded (\$000)		\$	
Equipment Funded (\$000)		\$	
ISCE Last Modified Date		26/03/2013	
ISCE Last Modified Date			

Basic Project Data - Analysis/ English

Project Number: NC100
Project Title: AMSA 122 Addition
Date: Mar 26, 2013

All Dates are in (DD/MM/YYYY) Format

Basic Information

RSC/Arcom : 81ST RSC FACID NC100
Facility Name : Charlotte Usarc
Street : Bld. 1324,1330 Westover St
City : Charlotte State : NC Zip : 28205-5124

Preparation Date of Documents : 26/03/2013

* Pattern of Facility Usage

Full Time Personnel 0 Days/Week
Reservist 0 Nights/Week
Reservist 0 Weekend/Month

* State Facility Review Board Recommendation

Date of Recommendation 24/10/2012
Recommendation is Modernization Construction

* Existing Sizes

Administrative 0
Assembly 0
Kitchen 0
Weapons 0
Education 0
Storage 0
Special Training 0
Support 0

Total Facility (existing/avail) : 0 / 0
Total Shop (existing/avail) : 7,809 / 7,809
Unheated Storage (existing/avail) : 0 / 0

* Land Acquisition and Additional Projects

Acres Required For Land Acquisition : 0 AC
Type Interest/ Acquisition Method : None
Acres Available : 0 AC

* Additional Project Planned in Next Years

Project 1)
Project 2)

* Nearest Six Military Installations

Component	Activity	City	STATE	Milt Act Dist	Size	U/M	Year Built
-----------	----------	------	-------	---------------	------	-----	------------

Basic Project Data - Analysis/ English

Project Number: NC100
Project Title: AMSA 122 Addition
Date: Mar 26, 2013

All Dates are in (DD/MM/YYYY) Format

* Unit Information

Unit Name AMSA 122(G)(CHARLOTTE, NC)
UIC W6KF21
Drill Weekend 0
Type of Unit TDA AMSA OR ECS

* AMSA

Number of Supported Vehicles: 450

Recognized Personnel

Administrative	2
Automotive/Engineers	12
Commo/Elec Techs	0
Instrument Repair Techs	0
Small Arms Repair Techs	1
Other	1

* Mission Information

This is an Existing Mission

Modernization Y
Replacement N
New Construction N
0

Basic Project Data - Analysis/ English

Project Number: NC100
Project Title: AMSA 122 Addition
Date: Mar 26, 2013

All Dates are in (DD/MM/YYYY) Format

* Unit Information

UIC	Unit Name	Res Strength			Full Time Strength			Drill Weekend
		OFF	WO	ENL	OFF	ENL	CIV	
W6KF21	AMSA 122(G)(CHARLOT	0	0	0	0	0	16	0
Totals		0	0	0	0	0	16	

Basic Project Data - Analysis/ English

Project Number: NC100
Project Title: AMSA 122 Addition
Date: Mar 26, 2013

All Dates are in (DD/MM/YYYY) Format

Project Totals - Analysis/ English

	Authorized Size	Approved Size	Existing Size for Alteration	Size of Addition	Size of New Building
Maintenance - Tank and Automotive	11,129	12,836	7,809	5,027	0
Total	11,129	12,836	7,809	5,027	0

Project Number : NC100
 Project Title : AMSA 122 Addition
 Date: Mar 26, 2013

Functional Space Details - Analysis/ English

214 - Maintenance - Tank and Automotive

	Authorized	Approved	Existing	Memo
V. 214 - Maintenance - Tank and Automotive				
A. Organizational Maintenance Shop (OMS)	0	0	0	
(1) Shop Office	0	0	0	
(2) Tool & Parts Room	0	0	0	
(3) Storage Room	0	0	0	
(4) Flammable Storage	0	0	0	
(5) Controlled Waste Storage	0	0	0	
(6)	0	0	0	
(7)	0	0	0	
B. Area Maintenance Support (AMSA)	2,914	2,757	2,427	
(1) Shop Office	276	1,120	638	
(2) Locker Room	160	0	100	
(3) Class Room/Break Area	200	0	458	
(4) Tool Room	576	576	344	
(5) Parts Room	576	237	551	
(6) Library	150	0	0	
(7) Battery Room	50	53	157	
(8) Commo/Electronics Shop	0	0	0	
(9) Instrument Repair	0	0	0	
(10) Small Arms Repair	100	100	0	
(11) Small Arms Vault	100	100	0	
(12) Flammable Storage	150	70	80	
(13) Controlled Waste Storage	576	330	99	
(14) Fluid Distribution	0	171	0	
(15)	0	0	0	
C. DS/GS Maintenance Shop Special Areas	0	0	0	
Maximum Authorized = 5,250 SF/488 m2				
(1)	0	0	0	
(2)	0	0	0	
(3)	0	0	0	
(4)	0	0	0	
(5)	0	0	0	
(6)	0	0	0	
D. Joint Maintenance Areas (OMS/AMSA)	6,730	8,303	3,720	

Project Number : NC100
 Project Title : AMSA 122 Addition
 Date: Mar 26, 2013

Functional Space Details - Analysis/ English

214 - Maintenance - Tank and Automotive

	Authorized	Approved	Existing	Memo
(1) Work Bays	5,440	6,144	3,620	
(2) Mechanical/Custodial	460	371	0	
(3) ARNET/IT Closet	280	79	0	
(4) Equipment Alcove	200	542	0	
(5) Mens Toilets & Showers	200	178	100	
(6) Womens Toilets & Showers	150	71	0	
(7) Electrical Room	0	150	0	
(8) Bay Safety Aisle	0	768	0	
Total Shop Net Area	9,644	11,060	6,147	
Circulation Allowance (15% of Net SF)	520	670	0	
Structural Allowance (10% of Net SF)	965	1,106	0	
Total Shop Gross Area	11,129	12,836	7,809	
Outgranted Area			0	
Total Shop Available Gross Area			7,809	

Project Number : NC100
 Project Title : AMSA 122 Addition
 Date: Mar 26, 2013

Functional Space Details - Analysis/ English

SPRT - Support Facilities

	Authorized	Approved	Existing	Memo
X. Supporting Facilities				
A. Privately Owned Vehicle Parking (POV) (SY)	520	520	0	
B. Military Equipment Parking (MEP)	2,250	2,250	7,007	
(1) OMS (SY)	0	0	0	
(2) AMSA (SY)	2,250	2,250	7,007	
(3) ECS	0	0	0	
Number of Vehicles at the ECS	0	0	0	
ECS (SY)	0	0	0	
C. Wash Platforms (EA)	0	0	0	
D. MEP Fencing (LF)	572	572	0	
E. MEP Lighting (EA)	2	2	0	
F. Access Roads (SY)	225	5,000	0	
G. Sidewalks (SY)	0	0	0	
H. Service/Access Apron (SY)	640	5,317	0	
(1) Maintenance Shop (SY)	480	5,317	0	
(2) Unheated Storage (SY)	160	0	0	
I. Fuel Storage and Dispensing (EA)	0	0	0	
J. Equipment Loading Ramp (EA)	0	0	0	
K. Marine Pier/Dock (EA)	0	0	0	
L. Flagpole (EA)	1	1	0	
M. Occupational Safety and Health Equipment (EA)	0	0	0	
(1)	0	0	0	
(2)	0	0	0	
N. Provide one 10-ton overhead crane	0	1	0	
O. MKT Concrete Pad (EA)	0	0	0	

Project Number : NC100
 Project Title : AMSA 122 Addition
 Date: Mar 26, 2013

Functional Space Details - Analysis/ English

STAT - Statistics

Description	Center	Shop	UNH Strg	WHS Strg
Total Square Footage For:				
Authorized Size	0	11,129	0	0
Approved Size	0	12,836	0	0
Existing Size for Alteration	0	7,809	0	0
Size of Addition	0	5,027	0	0
Size of New Building	0	0	0	0

Center Statistics	Total Personnel	Weekend
Rated Capacity	0	
Largest Drill Weekend	0	0
Largest Admin Weekend	0	0
Largest Maintenance Weekend	0	0
Weekends Per Month	0	

Project Number : NC100
Project Title : AMSA 122 Addition
Date: Mar 26, 2013

Functional Space Details - Analysis/ English

Project Totals - Analysis/ English

	Authorized Size	Approved Size	Existing Size for Alteration	Size of Addition	Size of New Building
214-Maintenance-Tank/Automotive	11,129	12,836	7,809	5,027	0
Totals (SF)	<u>11,129</u>	<u>12,836</u>	<u>7,809</u>	<u>5,027</u>	<u>0</u>

Project Number : NC100
Project Title : AMSA 122 Addition
Date : Mar 26, 2013

Functional Space Details - Analysis/ English
