

ABBREVIATED STATEMENT OF WORK
FOR
BUILDING 140 MATHIS GYMNASIUM
REPAIR / RESURFACE BASKETBALL COURT and
RACQUETBALL COURTS #1 & #2
OPPORTUNITY # 1100969



October 2020

PREPARED BY:

17TH CIVIL ENGINEER SQUADRON (AETC)
460 E. KEARNEY BOULEVARD
GOODFELLOW AFB, TX 76908-4104

PROJECT MANAGER: R. Terrazas

TABLE OF CONTENTS

Statement of Work (SOW)

Part 1 – Scope of Work	Pages 3 - 10
1.1 General:	
1.2 Project Description:	
1.3 Location:	
1.4 Site Visits:	
1.5 Work and Mechanics:	
1.6 Performance Period:	
1.7 Work Schedule:	
1.8 Work Area Access:	
1.9 Concrete Trucks: NOT APPLICABLE	
1.10 References:	
1.11 Submittals:	
1.12 Manufactures Catalog Data:	
1.13 Manufactures Warranty:	
1.14 Product Data:	
1.15 As-Builts Drawings:	
1.16 Delivery and Storage:	
1.17 Safety:	
1.18 Temporary Warning Devices:	
1.19 Demolition:	
1.20 Weld, Cutting, and Brazing: NOT APPLICABLE	
1.21 Operations Security Requirements: NOT APPLICABLE	
1.22 Utility Conservation:	
1.23 Tobacco use in AETC Facilities:	
1.24 Base Access Security Requirements:	
Part 2 – Products	Page 10
2.1 References to Materials, Manufactures, and Products:	
2.2 Government Furnished Equipment:	
2.3 Contractor Provided Materials:	
Part 3 – Execution	Page 10 - 12
3.1 General:	
3.2 Installation:	
Part 4 – Utility Outages and Special Conditions	Pages 13
4.1 Base Civil Engineering Work Clearance Request:	
4.2 Utility Outages:	
4.3 Base Fire Regulations:	
4.4 Confined Space: NOT APPLICABLE	
4.5 Lockout/Tagout, Hazards Energy Control	

Part 5 – Environmental Requirements	Pages 13 - 16
5.1 Compliance with Laws:	
5.2 Protection of Historical and Archaeological Resources: NOT APPLICABLE	
5.3 Hazardous and Special Wastes Generated by The Contractor:	
5.4 Contractor Encountered Hazardous Waste:	
5.5 Asbestos:	
5.6 Hazardous Materials:	
5.7 Nuisance and Polluting Activity Prohibited:	
5.8 Release of Fluids to the Sanitary Sewer System:	
5.9 Pesticides (Insecticides, Fungicides, Herbicides, etc):	
5.10 Air Emissions:	
5.11 Drinking Water: NOT APPLICABLE	
5.12 Protection of Water Sources:	
5.13 Green Procurement:	
5.14 Environmental Management System:	

Part 6 – Site Maintenance and Cleanup	Page 17
6.1 Site Maintenance:	
6.2 Cleanup:	

Part 7 – Energy Conservation	Pages 17
7.1 Utilities Conservation:	

Part 8 – Responsibility	
8.1 Summaries:	Page 17

Part 9 – Storage and Parking	Page 17
9.1 Contractors Storage:	

Part 10 – Completion of Work	Page 18
10.1 Operational System:	

II. Technical Exhibits

Building 140 Location	TE – 1
Bldg. 140 – Location of Damaged Areas	TE - 2
NCAA Basketball Striping Layout (for reference ONLY)	TE – 3
Goodfellow AFB Center Court Logo and Size	TE - 4
NCAA Racquetball Striping Layout (for reference ONLY)	TE - 5

III. AF Form 66

STATEMENT OF WORK
FOR
BLDG # 140 – MATHIS GYM
REPAIR / RESURFACE BASKETBALL COURT and
RACQUETBALL COURT #1 & #2

October 2020

PREPARED BY:
17th CIVIL ENGINEER SQUADRON (AETC)
460 E. KEARNEY BOULEVARD
GOODFELLOW AFB, TX 76908-4104
PROJECT MANAGER: R. Terrazas

PART 1.0 – SCOPE OF WORK:

1.1 GENERAL: The work to be performed under this contract and in accordance with this Statement of Work shall consist of furnishing all necessary parts, labor, tools, transportation, supplies, supervision, equipment, materials, and incidentals necessary for providing all work shown on the drawings (Technical Exhibits), statement of work, and all applicable codes, regulations, standards and criteria in effect at the date of solicitation. The work outlined below shall consist of, but not be limited to the following:

1.2 PROJECT DESCRIPTION: Repair and resurface basketball court. Repair and resurface racquetball court #1 and #2.

1.3 LOCATION: Goodfellow Air Force Base is located in Tom Green County, on the southeast side of San Angelo, TX. and is bounded to the north by Highway #388 (Paint Rock Rd.), to the west by Fort McKavitt Rd and Bell Street/Christoval Road, to the south by Highway #1223 (San Antonio Hwy.) and to the east by the eastern city limits. Work location is in Building 140, Mathis Gym, 155 W. Texan St. Building 140 hours of operation are Monday – Friday, 4:30am – 9:00pm, Saturday and Sunday, 10:00am – 6:00pm.

1.4 SITE VISITS: The Contractor is encouraged to and may visit the premises to become thoroughly familiar with details of the work and working conditions, verify dimensions in the field, and shall advise the Contracting Officer of any discrepancies before starting the work.

1.5 WORK AND MECHANICS: The work for this project shall be executed in the best and most workmanlike manner, by qualified and efficient mechanics/tradesmen, skilled in their respective trades. Only certified journeymen in each respective trade, or apprentices under the direct supervision of certified journeymen, shall be permitted to install and/or supervise installation for this project. Individual trade work for this project shall be performed and quality maintained by the applicable trade, only. All trades shall coordinate their work with that of other trades. The Contractor shall coordinate and perform all operations in a manner that will result in a professional and expeditiously completed project. The work shall be in strict accordance with prevailing industry standards and manufacturer's instructions. Work and materials shall comply

with this Statement of Work and the editions in effect at the time of this solicitation for all applicable criteria, regulations, guidelines and codes, all of which are made a part thereof.

1.6 PERFORMANCE PERIOD: The Contractor shall have sixty (60) calendar days to perform all work associated with this project. The Contractor shall submit product specifications for all new materials within fourteen (14) calendar days before signing the NTP. The Contracting Officer must approve materials before the Contractor makes any purchase. All Contractor operated/owned vehicles, equipment, tools, etc., shall be stored as prescribed in paragraph 1.16: DELIVERY and STORAGE. Applicable traffic control signage where required by the contract shall remain overnight. Parking on turf shall not be permitted without prior approval by the Government.

1.7 WORK SCHEDULE: Normal work days for Goodfellow AFB are from 0730 to 1630, Monday thru Friday; excluding Saturdays, Sundays, and Federal holidays. **However, normal hours of operation for B140, Mathis Gym are Monday – Friday, 4:30am – 9:00pm, Saturday and Sunday, 10:00am – 6:00pm.** Refer to Section H of the solicitation/contract document for further information on working days. No weekend work will be allowed unless approved by the Contracting Officer. If weekend work is required the Contractor shall submit request in writing to Contracting Office a minimum of 72 hours in advance. The Contractor shall provide written notification to the Contracting Officer fourteen (14) calendar days lead time for work schedule.

The work to be performed on this project will include work in an occupied facility. The Contractor shall coordinate the work of all activities whereby both the Government and the Contractor can continue operations with the least possible interference and inconvenience. The Contractor shall conduct all work such that means of facility ingress and egress are maintained at all times. The Contractor shall be responsible for providing suitable, approved signs, barricades, roped barriers, etc., to warn occupants of hazardous areas at the job site for the duration of the contract at no additional cost to the Government. The Contractor shall submit their work schedule request to the Contracting Officer in writing fourteen (14) calendar days in advance for base approval. If personnel are reasonably available, the Contracting Officer may authorize the Contractor to perform work during periods other than normal duty hours/days

Federal Holiday		2020	2021
New Year’s Day	01 Jan		01 Jan 21
Martin Luther King’s	3rd Monday in January		18 Jan 21
President’s Day	3rd Monday in February		15 Feb 21
Memorial Day	Last Monday in May		31 May 21
Independence Day	4 Jul		05 Jul 21
Labor Day	1st Monday in September		06 Sept 21
Columbus Day	2nd Monday in October	12 Oct 20	11 Oct 21
Veterans Day	11 Nov	11 Nov20	11 Nov 21
Thanksgiving Day	4th Thursday in November	26 Nov20	25 Nov 21
Christmas Day	25 Dec	25 Dec20	24 Dec 21

While AETC Family Days have not been identified past calendar year 2020/2021 it is anticipated that the same number of AETC Family days will be declared each year.

Any Holiday falling on a Saturday will be observed the preceding Friday. Any Holiday falling on a Sunday will be observed the following Monday.

The base could be closed because of security problems, adverse weather, or other events. Unless otherwise notified by the Government, the Contractor should monitor local television stations, radio stations, or Goodfellow's Facebook page for notification of a possible base closure or late opening. The Contractor may not receive any other form of notification of a base closure from the Government, unless contacted by the Contracting Officer (CO) or the COR. The Contractor is responsible for notifying his/her employees. Contractor(s) do not report when the base is closed due to security problems and/or adverse weather

1.8 WORK AREA ACCESS: Government escorts are not needed in this area.

1.9 CONCRETE TRUCKS: **NOT APPLICABLE**

1.10 REFERENCES: All publications listed herein shall be the most current editions in effect at the time of solicitation and form a part of this Statement of Work. The publications are referred to in the text by basic designation only and include the following:

GAFB INSTRUCTION

GAFBI 32-2001 Goodfellow AFB Base Fire Protection Program
GAFBI 31-102 Installation Security Instruction

NATIONAL FIRE CODE

NATIONAL ELECTRIC CODE

INTERNATIONAL BUILDING CODE (IBC)

US ARMY CORPS OF ENGINEERS HEALTH AND SAFETY MANUAL

OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA)

OSHA STD 29 CFR 1910 and 1926
OSHA STD 29 CFR 1910.252 Welding, Cutting and Brazing (General Requirements)

Applicable Government Criteria and Standards:

Code of Federal Regulations (CFR)

40 CFR, Volume 24, Part 170, Worker Protection Standard

40 CFR, Volume 25 Part 247, Comprehensive Procurement Guideline for Products containing Recovered Material

Federal Specifications (FS)

Federal Flammability Standard (FF)

Resource Conservation and Recovery Act of 1976, as amended

State Regulations (Texas Administrative Code)

30 TAC 205 General Permit to Discharge Waste

DOD Installations or Facilities – Standard Operating Procedure (SOP) – Contractor Tracking Requirement

NFPA-101

GAFB Instruction 32-2001 Base Fire Protection Program

Texas Worker’s Compensation laws (Texas House Bill 62)

1.11 SUBMITTALS: The Contractor shall provide submittals in the form of manufacturer’s data, certificates of compliance and samples for all items provided and installed per the attached AF Form 66. The Contractor will not be permitted to perform any work on site without approved submittals. The submittals listed on the attached AF Form 66 shall be required and shall be submitted for Government Approved (GA) or For Information Only (FIO). Use AF Form 3000 to process submittals. Submit four copies of submittals to Contracting Officer. Execute DD Form 1354 Checklist and submit to Contracting Officer before final payment is issued.

1.12 MANUFACTURER’S CATALOG DATA: Data composed of catalog cuts, brochures, circulars, specifications and product data, and printed information in sufficient detail and scope to verify compliance with requirements of the contract documents.

SAMPLES: The Contractor shall submit for approval, a clear, easy to read, layout, design, and color board noting location of each material/product to be installed/applied to the floor surface. A coordination meeting shall be conducted between the Government and the Contractor to verify the final design provided by the Contractor. No work is to commence without an approved design. .

1.13 MANUFACTURERS WARRANTY: The Contractor shall identify all items being installed that are covered by a manufacturers guarantee or warranty and provide validated copies of such. The identification shall list the name of the company and the expiration date of the guarantee or warranty. All warranty information shall be filed by the Contractor in the Government’s name. All warranties shall be identified by product with a listing of the name and address of the company and the expiration date of the guarantee or warranty.

1.14 PRODUCT DATA: Manufacturer's installation, maintenance instructions and SDS information. Ref: 1.11 SUBMITTALS and 2.3 CONTRACTOR PROVIDED MATERIALS (CPM) for this requirement.

1.15 AS BUILT DRAWINGS: Following the project completion or turnover, within 14 days the Contractor shall furnish 2 redline sets of mark up as built drawings to the Contracting Officer. The As Builts shall be submitted on an AF Form 66 and shall be required and submitted for Government Approved (GA) or For Information Only (FIO). Use AF Form 3000 to process submittals.

1.16 DELIVERY AND STORAGE: All equipment and materials delivered and placed in storage shall be stored with protection from the weather, humidity and temperature variation, dirt and dust, and any other contaminants. Store all materials in a secure, clean and dry location.

1.17 SAFETY: All Contractor operations shall be conducted and performed in accordance with Department of Labor, OSHA requirements found in 29 CFR 1910 (1910.146 and 1910.147) and 29 CFR 1926, and Air Force Occupational Safety & Health (AFOSH) standards including AFI 91-203, Air Force Consolidated Occupational Safety Instruction. The Contractor shall also ensure that all work is performed in accordance with project identified national standards, military manuals, instructions, pamphlets, standards, and handbooks, and with the edition in effect on the date of this solicitation of the Corps of Engineers (COE) Safety Manual EM 385-1-1. All job sites are subject to inspections by the Department of Labor. In the event of conflicts between the OSHA standards and these requirements, the most stringent shall apply.

1.17.1 All companies who conduct business within the State of Texas must, in accordance with Texas Worker's Compensation laws (Texas House Bill 62), have an approved company safety policy and an Accident Prevention Plan. The plan, approved by the Texas Worker's Compensation Commission (TWCC), shall be submitted For Information Only (FIO) in accordance with paragraph, (1.11): SUBMITTALS. In addition to meeting the TWCC requirements; the plan must also include the requirements of COE Safety Manual EM 385-1-1.

1.17.2 Resolution of Department of Labor citations for violations of Occupational Safety and Health Standards is a Contractor responsibility and shall provide for no basis of a claim against the Government.

1.18 TEMPORARY WARNING DEVICES: Prior to the start of any work for this project, the Contractor shall provide temporary warning devices around the site preventing access to areas being worked.

1.19 DEMOLITION: The Contractor shall, before commencement of any work, carefully survey the existing site to determine the extent of the work. Refer to TE-1 for locations of work. The Contractor shall be responsible for the proper disposal of all demolished materials meeting all rules pertaining to disposal. Demolished rubbish and debris shall be removed from Government property daily, unless otherwise directed, to avoid accumulation at the site. Demolished materials that cannot be removed daily shall be stored in areas specified by the Contracting Officer. In the interest of conservation, salvage shall be pursued to the maximum extent possible; salvaged items and materials shall be disposed of as specified. The Contractor shall recycle or divert construction wastes from landfill disposal to the maximum extent practicable. Contractor shall track recycling and waste disposal and submit the report on the provided Construction Waste Management Form for Government Approval at the end of the project, and prior to final

acceptance of the work. The Contractor shall take all necessary precautions to prevent damage to property to remain in place. Any damage to the aforementioned shall be repaired or replaced by the Contractor at no additional cost to the Government.

1.20 WELDING, CUTTING, AND BRAZING: **NOT APPLICABLE**

1.21 OPERATIONS SECURITY (OPSEC) REQUIREMENTS: **NOT APPLICABLE**

1.22 UTILITY CONSERVATION: The Contractor will be required to participate in Government energy conservation programs. For the purpose of this contract, utilities such as water, electricity, etc., will be furnished by the Government at no cost to the Contractor. Long distance and Defense Switched Network (DSN) telephone services will not be provided.

1.23 TOBACCO USE IN AETC FACILITIES

Contractors are advised that the Commander has placed restrictions on the smoking of tobacco products in AETC facilities. AFI 40-102, Tobacco Use in the Air Force, outlines the procedures used by the commander to control smoking in our facilities. Contractor employees and visitors are subject to the same restrictions as Government personnel. Smoking is permitted only in designated smoking areas. Additional information, to include locations of designated smoking areas, will be provided to the Contractor at the pre-performance conference.

1.24 BASE ACCESS SECURITY REQUIREMENTS: The Contractor shall comply at all times with base law enforcement and security requirements to include base pass requirements.

1.24.1 Contractor Installation Access Pass. Before arrival, a Government identification card-holding person from the sponsoring agency, Base Contracting office/administrator or applicable local project manager will submit a request for base access using the 17 Training Wing's Base Access List (BAL) memorandum as a form of registration for each credential applicant. The base sponsor/sponsoring agency/Contracting Officer and the contracted management team should establish an accountability process to account for each applicant, to oversee the BAL process, and to retrieve installation passes when access is no longer required. Base sponsors/sponsoring agencies or contract officers will ensure the BAL is accurate, it is signed and forwarded to the 17 SFS Pass & Registration section for completion of the vetting and fitness determination processes. The BAL should be delivered to Pass & Registration, located at the Visitor Control Center (VCC). When delivery is not possible, the BAL may be forwarded to Pass & Registration via a ".mil" email account located on Goodfellow AFB. The BAL will include pertinent visitor information, reason for entry, frequency of entry, destination, times each day requiring entry, and duration of request.

Contractor Initial (and periodic) Installation Access Screening. The Contractor shall provide Pass and Registration with two forms of identification, one of which will be a state issued photo identification. Prior to being allowed access, a minimum of a background/National Crime Information Center (NCIC) check will be completed on all Contractors, requesting unescorted access for official business. This screening process will validate the Contractor's suitability to visit Goodfellow and certify that the Contractor does not pose an increased threat to the base

populace. The Contractor will then be issued a temporary Defense Biometric Identification System (DBIDS) pass or AF Form 75A through the expiration date on the BAL request. Possession of an authorized access pass does not automatically authorize or guarantee access to the installation. The individual must still have a valid purpose to be on the installation and properly sponsored, as applicable.

1.24.2 Access Denial. If it is determined a Contractor requesting access has been convicted of a felony or pled guilty to a felony charge within the past 10 years, or is considered not fit to obtain authorized access based on the information obtained during the identity vetting, or criminal history indicates the individual may present a threat to the good order, discipline and morale of the installation, Security Forces personnel will deny entry. The Contractor will be informed of the access denial, will be issued an Access Denial Letter, and will be informed on how they may appeal this order.

Access Denial Appeal Process. When denied access, contract visitors will be informed to report back their manager. If the contract worker and management are considering an appeal, it will be submitted by letter to the 17 SFS Commander, within 30 days of access denial. The contract manager should first contact the military contract officer/administrator or on-base sponsor for additional guidance and clarification. The appeal may be delivered to the installation Visitor Control Section or mailed to Security Forces, addressed to 17 SFS/CC, 361 Apache Trail, Goodfellow AFB, 76908. The Contractor's appeal should discuss all facts and reasons to support rescinding access denial. The 17 TRW/CC will approve/disapprove all appeals for entry.

1.24.3 For installation access on non-duty hours or down days:

Identify which workers need access on weekends, federal holidays/family days, and down days.

Ensure only workers that are already vetted are on the Extended-Hours request (no new personnel). New personnel require a new BAL and formal vetting.

Complete the "After Hours" BAL for workers requiring down day access to the installation.

Identify the vehicle requirements. If operations cannot support the search procedures for large vehicles/special purpose equipment, the request may be declined unless arrangements are made to deliver the vehicle/equipment prior, during normal duty hours.

During the above-mentioned days, the Contract officering, contract representative sponsoring ID cardholder is required to be present during hours of the work request.

1.24.4 All BALs are accomplished each time employees or personnel change, not to exceed 180 days. Oversight for BAL updates and establishment of procedures to ensure Physical Access Control System (PACS) credentials and locally created access credentials from individuals who no longer require installation access is the responsibility of the contracting officer/contract administrator.

When an employee (regardless of position) is no longer employed by the Contractor or Sub-Contractor all DBIDS passes are to be returned to the Contract Officer/Administrator or to the Visitor Control Center. If a local issued access credential/pass is not returned, the contract officer may withhold funds or the Installation Commander may consider permanent debarment to the installation. Immediate access denial may be initiated by Pass & Registration updating the DBIDS database until disposition of the DBIDS pass is resolved.

PART 2.0 – PRODUCTS:

2.1 REFERENCES TO MATERIALS, MANUFACTURERS AND PRODUCTS: Materials shall be the standard product of manufacturer's regularly engaged in the manufacture of such products. The products furnished shall meet the quality and specifications indicated herein.

2.2 GOVERNMENT FURNISHED EQUIPMENT (GFE): There is no GFE for this project.

2.3 CONTRACTOR PROVIDED MATERIALS (CPM): The Contractor must use products that have been submitted for review and approved by the Government, such as PoloPlaz World Class Gym Finish, Diversy Polyuretahn 450 Finish, BonaSport SuperSport Waterborne Finish, Gameliner Court Floor Paint, Advantage Coatings Technologies, or equivalent. The Contractor shall provide Material Safety Data Sheets (MSDS) to the Government before they are allowed to bring them on to the Government installation.

PART 3.0 – EXECUTION:

3.1 GENERAL: All work shall be performed as shown and in accordance with the manufacturer's diagrams and instructions, unless otherwise specified. The Contractor shall field verify all dimensions and site conditions. Price increase adjustments to the original contract price will not be issued because the Contractor was not aware of existing conditions. The Contractor shall provide all labor, materials, tools and equipment required to perform all elements of the task, including but not limited to are, site investigation, work plan(s), submittals, prep work, demolition, repairs, installation, clean-up, final clean-up and Government acceptance, as described in this statement of work.

3.2 INSTALLATION: All work shall be done with the building occupied and the work area unoccupied. The Contractor shall coordinate with the Contract Inspector prior to start of work.

3.3 Basketball Court

- a. The Contractor shall comply and use best industry standard preparation, remediation, and application methods/procedures as well as follow manufactures installation/application instructions to accomplish task.
- b. The Contractor shall provide a detailed management/work plan with step-by-step procedures for Government review.
- c. Where needed, mask off all interior accesses to prevent sanding dust from infiltrating the occupied/used portions of the building.

- d. Where needed, mask off any HVAC systems, to prevent sanding dust from infiltrating and returning back to the HVAC unit. HVAC units can be temporarily be shut down upon request by the Contractor. The Government will perform the shut down upon request.
- e. Protect all items that are to remain in place during the project.
- f. Provide signage, cones, and/or flagging to identify work area(s).
- g. Remove all wall base/floor mouldings.
- h. Remove all warped/damaged flooring in three (3) locations totaling approx. 90sf. Reference TE-2 for areas of damage within B140.
- i. Replace all flooring previously removed. All repaired surfaces shall be held in place by using high strength adhesives and/or epoxies designed for this type of application. No exposed mechanical fasteners will be allowed
- j. Sand entire floor to bare wood substrate. To include all court lines, graphics, and OB painted areas. Once complete the floor should appear as a newly installed floor with no finish applied.
- k. The floor shall be vacuumed and tack ragged in several passes to remove all remaining dust and or debris. Allow any air-borne particles to settle in between passes.
- l. After the floor has been sanded, vacuumed and tack ragged, apply a Government approved gym floor coating, such as PoloPlaz World Class Gym Finish, Diversey Polyurethane 450 Finish, BonaSport SuperSport Waterborne Finish, or equivalent. Apply coating following the manufactures instructions and recommendations.
- m. The floor shall be screened after each poly coat, 2 coats minimum. Each coat should be allowed to dry/cure for 24 hours. Vacuum and tack rag before applying the second coat of finish.
- n. Prep floor for applying stain, paint marking/stripping, and/or decals/graphics. Apply a Government approved gym floor paint, such as Gameliner Court Floor Paint, Advantage Coatings Technologies, or equivalent. Apply coating following the manufactures instructions and recommendations.
- o. Striping shall be to NCAA standards. Refer to TE-3 for Basketball court striping.
- p. With the exception of the location of the center court decal/graphic, refer to TE-4 all other decals/graphics shall be located by the end user.
- q. Design and colors of decals/graphics and striping shall be determined and approved by the by end user and Government.
- r. The Contractor shall submit for approval, a clear, easy to read, layout, design, and color board noting location of each element to be installed/applied to the floor surface. A coordination meeting shall be conducted between the Government and the Contractor to verify the final design provided by the Contractor. No work is commence without an approved design.
- s. Paint types and colors shall be submitted for approval from the Contractor.
- t. Apply finish coat(s) after all staining, striping, decals/graphics have been accepted by the Government.
- u. Install new wall base/floor mouldings.
- v. Remove all masking.
- w. Perform clean-up and final clean-up of the job site.

Ref: PART 6.0 SITE MAINTENANCE and CLEAN UP

- x. Perform final buff of floor.

Racquetball Courts #1 & #2

- a. The Contractor shall comply and use best industry standard preparation, remediation, and application methods/procedures as well as follow manufacturer's product installation/application instructions to accomplish task.
- b. The contractor shall provide a detailed management/work plan with step-by-step procedures for Government review.
- c. Where needed, mask off all interior accesses to prevent sanding dust from infiltrating the used portions of the building.
- d. Where needed, mask off any HVAC systems, to prevent sanding dust from infiltrating and returning back to the HVAC unit.
- e. Protect all items that are to remain in place during the project.
- f. Remove all warped/damaged flooring in one (1) location totaling approx. 12sf. Reference TE-2 for areas of damage within B140.
- g. Apply termiticide to areas showing pest damage.
- h. Replace all flooring previously removed. All repaired surfaces shall be held in place by using high strength adhesives and/or epoxies designed for this type of application. No exposed mechanical fasteners will be allowed
- i. Sand entire floor to bare wood substrate. To include all court lines and graphics. Once complete the floor should appear as a newly installed floor with no finish applied.
- j. The floor shall be vacuumed and tack ragged in several passes to remove all remaining dust and or debris. Allow any air-borne particles to settle in between passes.
- k. After the floor has been sanded, vacuumed and tack ragged, apply a Government approved gym floor coating, such as PoloPlaz World Class Gym Finish, Diversey Polyurethane 450 Finish, BonaSport SuperSport Waterborne Finish, or equivalent Apply coating following the manufactures instructions and recommendations.
- l. The floor shall be screened after each poly coat, 2 coats minimum. Each coat should be allowed to dry/cure for 24 hours. Vacuum and tack rag before applying the second coat of finish.
- m. Prep floor for applying staining, paint marking/stripping, decals/graphics.
- n. Striping shall be to NCAA standards. Refer to TE-5 for Racquetball court striping.
- o. Location of court decal/graphic, shall be located by the end user.
- p. Design and colors of decals/graphics and striping shall be determined by end user.
- q. The Contractor shall submit for approval, a clear, easy to read, layout, design, and color board noting location of each element to be installed/applied to the floor surface. A coordination meeting shall be conducted between the Government and the Contractor to verify the final design provided by the Contractor. No work is commence without an approved design.
- r. Paint types and colors shall be submitted for approval from the Contractor.
- s. Apply finish coat(s) after all staining, striping, decals/graphics have been accepted by the Government.
- t. Remove all masking.
- u. Perform clean-up and final clean-up of the job site.

Ref: PART 6.0 SITE MAINTENANCE and CLEAN UP

v. Perform final buff of floor(s)

PART 4.0 – UTILITY OUTAGES AND SPECIAL CONDITIONS:

4.1 BASE CIVIL ENGINEERING WORK CLEARANCE REQUEST: The Contractor shall obtain and process AF Form 103 for approval prior to commencement of work for this project. The Contractor shall have this approved form on the job site at all times.

4.1.1 Due to the requirement for multiple agencies to coordinate on these requests, expect 7 – 10 days for paperwork processing. Contractor requests should be submitted at the earliest possible date to preclude delays.

4.2 UTILITY OUTAGES: When a utility outage is necessary to perform the contract work in a occupied facility, regardless of whether the work area is occupied, the outage shall be performed by the Contractor during non-duty hours at no additional cost to the Government, unless otherwise approved by the Contracting Officer. The Contractor shall notify the Contract Inspector of outage requirements to include buildings affected; length of outage; and reasons for outage. The Contractor must allow affected occupants a minimum of two – (2) weeks notice prior to outage. The Contractor is also required to provide the Contracting Office a written notification of the requested outage.

4.3 BASE FIRE REGULATIONS: The Contractor shall comply with Base Fire Regulations as set forth in the latest edition of GAFB Instruction 32-2001, titled “Base Fire Protection Program”. The Contractor shall use no explosives or fire in performing the work. All work shall be in strict compliance with all National Fire Codes.

4.4 CONFINED SPACE: **NOT APPLICABLE**

4.5 LOCKOUT/TAGOUT, HAZARDOUS ENERGY CONTROL: **NOT APPLICABLE**

PART 5.0 - ENVIRONMENTAL REQUIREMENTS:

5.1 COMPLIANCE WITH LAWS: Construction activities are NOT exempt from air emission, storm water, hazardous waste, and other environmental compliance rules and regulations. The Contractor shall comply and ensure that all Sub-Contractors comply with all applicable federal, state, and local laws, regulations, ordinances and standards related to environmental matters.

5.2 PROTECTION OF HISTORICAL AND ARCHAEOLOGICAL RESOURCES: **NOT APPLICABLE**

5.3 HAZARDOUS AND SPECIAL WASTES GENERATED BY THE CONTRACTOR: The Contractor shall identify, characterize, containerize, store and dispose of hazardous wastes in strict accordance with federal guidelines found in the Code of Federal Regulations, Title 40 (40 CFR) parts 260-270, state regulation 30 TAC 335, all local guidelines, and as specified. A

Uniform Hazardous Waste Manifest shall be used by the Contractor to document all parties and locations involved in the transportation, storage and disposal of all hazardous and special wastes. This form shall be provided to the Government by the Contractor and signed by the Base Environmental Coordinator (CEIE) before the waste is transported from the limits of Government property. A copy of the manifest shall be signed by the receiver of the waste and submitted to the Contracting Officer not later than forty-five days after disposal has taken place. Hazardous waste treatment, storage and disposal facility shall be located within in the state of Texas, permitted by the U.S. EPA, and approved by CEIE.

5.4 CONTRACTOR ENCOUNTERED HAZARDOUS WASTE: The Contractor shall notify the Contracting Officer's Representative and CEIE upon encountering any material not identified in this Statement of Work thought to be hazardous that could jeopardize the safety of workers or personnel in the area. The Government will be responsible for characterization, transportation, storage and disposal of the waste if necessary.

5.5 ASBESTOS: To the best of the Government's knowledge, no asbestos-containing material (ACM) will be encountered during this project. Should the Contractor encounter previously unidentified or suspected ACM, which must be disturbed to comply with the contract documents, the Contractor shall cease that work which would disturb the suspect material and shall immediately notify the Contracting Officer. The Government will take appropriate measures to ascertain the material's composition and determine any remedial actions necessary.

5.5.1 Asbestos Containing Building Materials: Under no circumstances, under the provisions of this contract, shall the Contractor be allowed to provide asbestos containing building materials, or products containing encapsulated asbestos or mineral fibers as defined in the 40 CFR 61, National Emission Standards for Hazardous Air Pollutants of 1990, to GAFB.

5.6 HAZARDOUS MATERIALS: The Contractor shall provide to the Contracting Officer an AF Form 3000, Material and Approval Submittal, listing all materials to be utilized during the contract. If any of the material is classified as hazardous in accordance with AFI 32-7086, the Contractor will submit an AF Form 3952, (Chemical/Hazardous Material Request Authorization) for each material item with all supporting information as required for approval. The Contractor must obtain authorization from the Contracting Officer prior to bringing or using hazardous materials on the installation. The Contractor must supply an up-to-date SDS for each requested AF Form 3952 item listed as a hazardous material, as defined to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the SDSs submitted under this contract. The Contractor must maintain an onsite file of all SDSs. The Contractor shall submit for Government Approval (via AF Form 3000) to the Contracting Officer on a monthly basis, or at the end of the contract, as determined by the Contracting Officer, a report (2 copies) of usage of HAZMAT materials within that period on GAFB Contractors Hazardous Materials Usage Report. No hazardous materials, lubricants, oils, liquids or related materials shall be deposited in the refuse containers on base.

5.7 NUISANCE AND POLLUTING ACTIVITY PROHIBITED: Polluting, dumping, or discharging of any harmful, nuisance, or regulated materials (such as but not limited to concrete

truck washout, vehicle maintenance fluids, residue from saw cutting operations, solid waste and hazardous substances) into building drains, site drains, streams, waterways, holding ponds or to the ground surface shall not be permitted and the Contractor shall be held responsible for any and all damages which may result. Further, the Contractor shall conduct work activities in such a fashion as to avoid creating any legal nuisance, including but not limited to, suppression of noise and dust, control of erosion, and implementation of other measures as necessary to minimize impacts of work activities.

5.8 RELEASE OF FLUIDS TO THE SANITARY SEWER SYSTEM: Goodfellow AFB's sanitary sewer system discharges into the Publicly Owned Treatment Works (POTW) operated by the City of San Angelo, Texas. This POTW has established testing requirements for certain constituents as well as discharge limits of those same constituents. Accordingly, any Contractor performing work at Goodfellow AFB and contemplating a release of non-hazardous water into the sanitary sewer system shall meet the pretreatment standards and comply with the testing/release requirements established by the City of San Angelo. Contractor is also responsible for all testing, monitoring, measuring, documenting, etc. to verify this compliance. Contractor shall not discharge wastewater to base's sanitary sewer without prior approval of the Government.

5.9 PESTICIDES (INSECTICIDES, FUNGICIDES, HERBICIDES, ETC.): Application of all pesticides shall be accomplished by certified pest control personnel or under the supervision of a State of Texas certified pest control operator. Contractor shall furnish labels and SDSs for all contract pesticide materials at least 25 days prior to start of contract for approval by AETC Pest Management Coordinator (PMC) via an AF Form 3000. Any nonstandard pesticide not listed in the installation approved inventory list must be approved by the AETC PMC prior to use. Delivery and storage of pesticides shall be monitored by certified personnel to insure the adequacy of containers and the safe storage of toxic materials. Disposal of containers and chemicals will be monitored to prevent pollution of natural drainage systems or the unintentional release of pesticide particulates into the air. The Contractor shall comply with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and submit an AF Form 3000, Material and Approval Submittal, with copies of certifications for operator using to the Contracting Officer for approval prior to application of Insecticide, Fungicides, and/or Herbicides. Additionally, the Contractor shall notify the Goodfellow AFB Entomology Shop at (325-654-5208) at least five calendar days in advance by the Contractor of proposed application of any pesticides, insecticides, fungicides, herbicides, etc. and copies of all application records shall be submitted to the Base Entomology Shop. The Contractor shall use the GAFB Pesticide Application Form, available from Base Civil Engineer office to submit the required application information.

5.10 AIR EMISSIONS: Media blasting may require registering the construction activity under state regulation 30 TAC 106.452. The Contractor shall prepare the state form PI-7 for signature approval by the base prior to start of construction. The Contractor shall meet all provisions of the Permit-By-Rule. The Contractor shall ensure that the air quality within the occupied portions of the facility are not affected by task being performed.

5.11 DRINKING WATER: **NOT APPLICABLE**

5.12 PROTECTION OF WATER RESOURCES: All work under this contract shall be performed in such a manner that objectionable or nuisance conditions will not be created in lakes, reservoirs, streams or storm water conveyances through or adjacent to the project areas. The Contractor shall comply with the terms and conditions of Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit, TXR150000 (GCP). At least 30 days prior to the start of construction, the Contractor shall seek coverage under the GCP for storm water and non-storm water discharges associated with his construction activities.

5.12.1 STORM WATER POLLUTION PREVENTION PLAN (SWP3): **NOT APPLICABLE**

5.12.2 TPDES GENERAL PERMIT: **NOT APPLICABLE**

5.12.3 NOTICE OF INTENT (NOI): **NOT APPLICABLE**

5.12.4 NOTICE OF TERMINATION (NOT): **NOT APPLICABLE**

5.12.5 Post-Construction Cleanup or Obliteration: The Contractor shall obliterate all evidence of temporary construction facilities such as haul roads, work areas, structures, foundations of temporary structures, stockpiles of excess materials, or any other vestiges of construction. It is anticipated that green areas may be disturbed. These areas will need to be restored to near natural conditions which will permit the growth of vegetation thereon after the project is complete. The disturbed areas shall be graded and filled as required, and topsoil shall be spread to a depth of approximately four inches over the entire area and the entire area seeded with 30 pounds (pure live seed) of common Bermuda per 1000 square feet and then watered as required until a lush hardy growth is established to the satisfaction of the Contracting Officer. Restoration to original contours is required unless otherwise directed by the Contracting Officer.

5.12.6 At the end of the project, and prior to final acceptance, the Contractor shall submit a solid waste diversion report by completing the Construction Waste Management form identifying the materials and weights either recycled or diverted from solid waste disposal to other re-use as well as weights of waste disposed in a landfill.

5.13 GREEN PROCUREMENT: Green Purchasing is a mandatory component of the Air Force pollution prevention program. The Under Secretary of Defense issued a policy memorandum "Establishment of the DoD Green Purchasing Program (GPP)" which states: "The DoD goal is to achieve 100% compliance with mandatory Federal GPP programs is all acquisition transactions." This document contains guidelines for implementing the RCRA, EO, DOD, and Air Force requirements.

5.14 ENVIRONMENTAL MANAGEMENT SYSTEM: Contractor's on site supervisory personnel shall complete EMS Awareness Training. The Base Civil Engineer Environmental Coordinator should be contacted at (325) 654-5946 for information to complete the awareness training within 60 days of contract award or a new contract employee supervisor begins work. The training will be accomplished utilizing The Environmental Awareness Course Hub (TEACH) at <https://usaf.learningbuilder.com>. The Contractor is responsible for providing EMS Awareness Training records, for each employee, to the Contracting Officer

PART 6.0 - SITE MAINTENANCE AND CLEANUP:

6.1 SITE MAINTENANCE: The Contractor shall protect adjacent property, buildings and their contents from dust, dirt or other materials. Work areas shall be maintained in a neat, clean, safe condition and shall, at a minimum, be cleaned at the end of each shift. All streets and roadways in/or adjacent to the site shall remain free of project generated trash and debris at all times.

6.2 CLEANUP: The Contractor shall collect any and all trash, debris, refuse, garbage, etc., that is generate and place it in appropriate containers with lids or approved covers on a periodic basis or as directed by the Contracting Officer's representative. The aforementioned materials shall be hauled from the site by appropriate means on a daily basis, unless otherwise approved by the Contracting Officer's representative. Disposal shall be outside the limits of Government property. Disposal shall be by sanitary landfill or other approved methods and shall conform to all local, state, and federal guidelines, criteria, and regulations. Upon completion of the work, the Contractor shall leave the work site and storage area(s) in a clean, neat and workmanlike condition satisfactory to the Contracting Officer. It is anticipated that excavation, filling, and plowing of roadways shall be required to restore the area to near natural conditions that will permit the growth of vegetation thereon. Restoration to original contours is required unless otherwise directed by the Contracting Officer.

PART 7.0 - ENERGY CONSERVATION:

7.1 UTILITIES CONSERVATION: The Contractor shall instruct employees in utilities conservation practices. The Contractor shall be responsible for operating under conditions that preclude the waste of utilities, which shall include: Lights shall be used only in areas where and when work is actually being performed. The Contractor shall not adjust mechanical equipment controls for heating, ventilation and air conditioning systems. Water faucets or valves shall be turned off after the required usage has been accomplished. The Contractor shall use good judgment in the conservation of Government utilities. Prevailing energy conservation practices shall be adhered to and enforced by the Contractor.

PART 8.0 – RESPONSIBILITY:

8.1 The above 1 through 7 summaries do not in any way limit the responsibility of the Contractor to perform all work and furnish all plant, labor, and materials required by this Statement of Work.

PART 9.0 – STORAGE AND PARKING:

9.1 CONTRACTOR STORAGE: The Contracting Officer's representative shall designate Contractor storage and parking area. All project storage areas shall be kept free of debris, leaks, stains, or splashes and kept in a neat, clean, and safe condition. Any contamination of the storage area by a hazardous substance shall be immediately remediated by the Contractor, in accordance

with PART 5.0 above at no additional expense to the Government. All hazardous materials shall be secured when not in use.

PART 10.0 - COMPLETION OF WORK:

10.1 OPERATIONAL SYSTEMS: The Contractor shall insure that work for this project is performed in accordance with the criteria herein and that all equipment and systems shall be fully operational at the completion of work for this project.