County of Roanoke

FINANCE DEPARTMENT
PURCHASING DIVISION

Dawn M. Rago, Buyer
5204 Bernard Drive SW, Suite 300 F
Roanoke VA 24018
(540) 283-8150
(540) 561-2827 – Fax
drago@roanokecountyva.gov

October 12, 2021

RFP #2022-021

Fire and Rescue Station Paving

for

Roanoke County

ADDENDUM NO. 3

Change in Scope and New Bid Form
Due Date & Time:
October 21, 2021 2:00PM
(Local Prevailing Time)

Addendum No. 3
IFB 2022-021
Fire and Rescue Station Paving

1. New Bid Form-Please use this Bid Form instead of the one included with the original Bid.
2. Take note of attached Scope of Work.

REQUIRED

Sign and return with your bid package

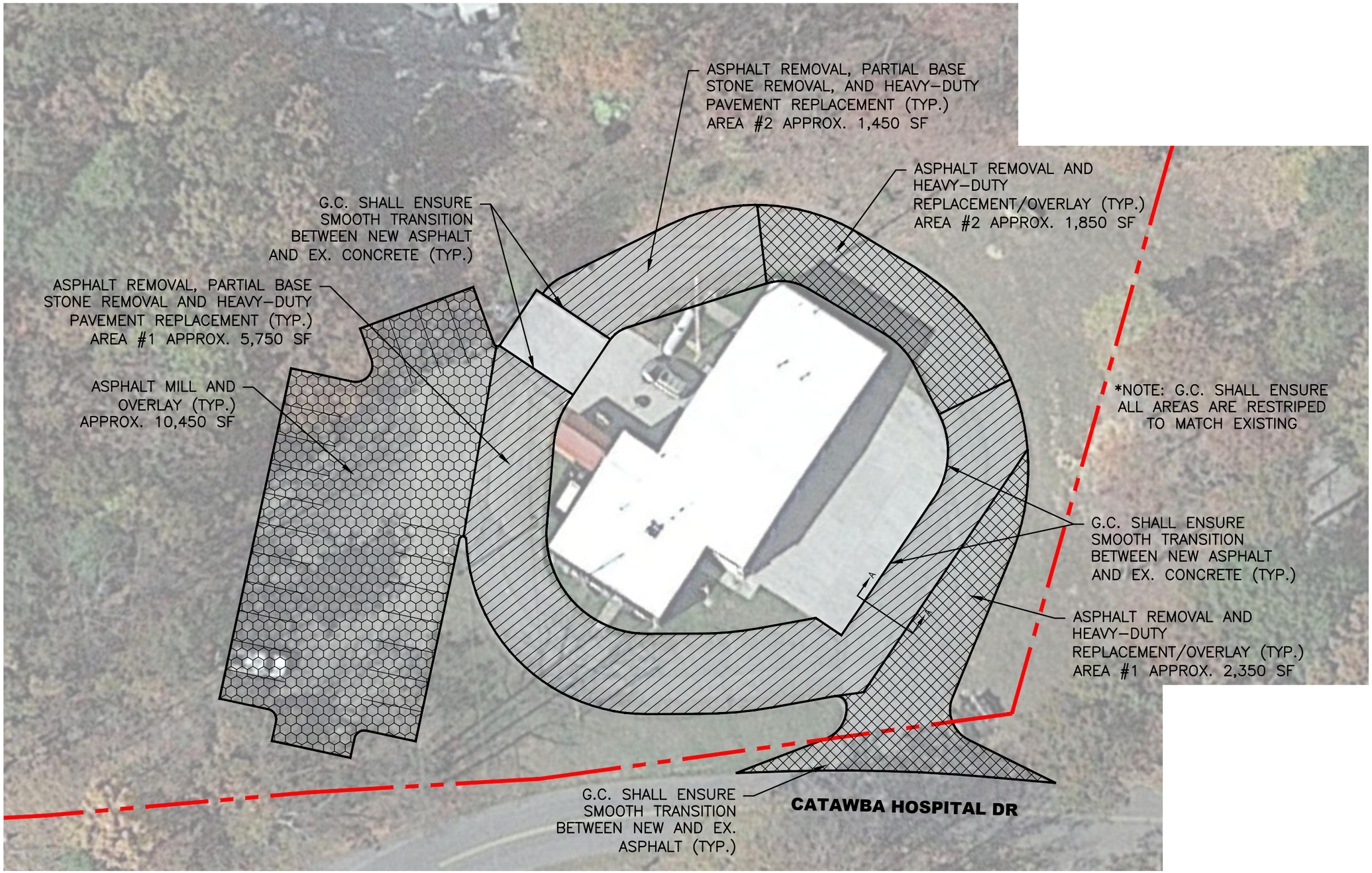
_____ _____

Sign Name: **Print Name:**

_____ _____

Date: **Company**

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK



BALZER

Roanoke / Richmond
New River Valley / Staunton
Harrisonburg / Lynchburg
www.balzer.cc

CATAWBA FIRE STATION PAVING PLAN

CONCEPTUAL PAVING PLAN

5585 CATAWBA HOSPITAL DR
ROANOKE COUNTY, VIRGINIA

DATE 7/23/2021
SCALE 1" = 30'
REVISIONS
10/1/2021

EX-A

PROJECT NO 04210027.00

Catawba Fire and Rescue Station #4

5585 Catawba Hospital Drive, Catawba, VA 24070
October 12, 2021 – B&A Project #04210027.00

Bid Documents:

1. Project Scope and Paving Specifications
2. "Catawba Fire Station Paving Plan" prepared by Balzer and Associates, Inc., last revised 10/1/2021

Roanoke County is requesting written quotations from qualified contractors for an asphalt pavement rehabilitation project located at the Catawba Fire and Rescue Station #4 (5585 Catawba Hospital Dr. Catawba, VA 24070).

Bidder shall provide a lump sum price for the Base Bid work described in the project scope below. In addition to this, the Bidder shall provide unit prices as follows:

- Unit price (per c.y.) for removal of subgrade or base stone material, to include disposal off-site. This will include removal of material for installation of additional stone base or for removal of subgrade material because it has been identified as unsuitable.
- Unit price (per c.y.) for installation of additional stone base (VDOT 21B) as may be needed to correct any subgrade issues that are identified or to increase the depth of existing stone base in critical areas.
- Unit price (per s.f.) for installation of Mirafi 140 geofabric as may be recommended by the geotechnical engineer to strengthen the subbase of the pavement. This unit price shall only include cost of the material and installation; unit prices above shall be used for any additional excavation or base stone that may be necessary to allow for installation.
- Unit price (per s.f.) for installation of Tensar TriAx geogrid as may be recommended by the geotechnical engineer to strengthen the subbase of the pavement. This unit price shall only include cost of the material and installation; unit prices above shall be used for any additional excavation or base stone that may be necessary to allow for installation.

The scope of the project consists of the following improvements on-site:

Area A – Asphalt Removal, Partial Base Stone Removal, & Heavy-Duty Replacement

- Removal of approximately 7,200 s.f. of existing asphalt areas as identified on the Concept Plan (approximate 2" – 2.5" depth). Removal of underlying base stone as necessary to allow for installation of 4.5" of new asphalt and maintain existing top of pavement elevation as necessary to maintain appropriate tie-ins and drainage patterns.
- Proofroll of the underlying stone base using a tandem axel, fully-loaded dump truck with County's Geotechnical Engineer present (G.C. to coordinate schedule with Owner).

- Installation of 3” (not to exceed 3.5”) compacted depth asphalt base course using BM-25.0 bituminous pavement and 1.5” (not to exceed 2”) compacted depth asphalt surface course using SM-9.5A bituminous pavement.

Area B – Asphalt Removal & Heavy-Duty Replacement/Overlay

- Removal of approximately 4,200 s.f. of existing asphalt areas as identified on the Concept Plan (approximate 2” depth).
- Proofroll of the underlying stone base using a tandem axel, fully-loaded dump truck with County’s Geotechnical Engineer present (G.C. to coordinate schedule with Owner).
- Installation of 3” (not to exceed 3.5”) compacted depth asphalt base course using BM-25.0 bituminous pavement and 1.5” (not to exceed 2”) compacted depth asphalt surface course using SM-9.5A bituminous pavement.
- Installation of base and surface courses of asphalt will raise the finished grade of the paved areas by approximately 2” – 2.5”. Contractor shall ensure smooth transitions between these areas and the adjacent paved areas and shall ensure that drainage patterns are maintained.

Area C – Asphalt Mill & Overlay

- Milling of approximately 10,450 s.f. of existing paved areas as identified on the Concept Plan. Milling shall include the entire existing surface course (approximate 2” depth).
- Proofroll of the underlying stone base using a tandem axel, fully-loaded dump truck with County’s Geotechnical Engineer present (G.C. to coordinate schedule with Owner). Owner shall be notified of any issues identified with the existing stone base requiring remediation.
- Installation of min. 2” (not to exceed 2.5”) compacted depth asphalt surface course using SM-9.5A bituminous pavement. Include a tack coat between the base stone and new asphalt.

The work shall be completed as outlined in the specifications below.

- Milling and/or removal of existing asphalt pavement as shown on the plan to remove distressed asphalt and disposal of materials off-site. Existing pavement shall be saw cut as necessary for removal.
- Filling of any existing potholes with leveling course of asphalt prior to overlay.
- Installation of base course of asphalt in the areas of heavy-duty replacement with min. 3” (not to exceed 3.5”) compacted depth asphalt using BM-25.0 bituminous pavement. Include a tack coat between the base stone and new asphalt.

- Installation of a surface course of asphalt across all paved areas of the depth specified using SM-9.5A bituminous pavement. The installation of the pavement overlay shall include a tack coat between the base stone/milled surface and the new asphalt.
- Milling and removal of pavement as necessary to tie-in to existing entrances, concrete, utility structures, sidewalks, and other existing features, as well as to provide a smooth transition along the proposed work and maintain existing drainage patterns. Contractor shall ensure that all areas drain appropriately and that there are no low areas that will hold water.
- Ensure a smooth transition between new pavement and all existing surfaces.
- All paving materials and methods shall be in accordance with VDOT standards and 2016 VDOT Road and Bridge Specifications.
- Replacement of all existing pavement markings. All pavement markings shall consist of two coats of VDOT Type A traffic paint. Traffic paint shall meet the requirements of Section 704 of the 2016 VDOT Road and Bridge Specifications. Pavement markings shall match the color of the existing markings.
- Removal of existing wheel stops and signs and replacement following the completion of paving operations.
- Haul off and disposal of any additional materials off-site.
- Coordination and permitting with VDOT as necessary for work within the public right-of-way.
- All necessary traffic control devices needed for completion of the project. All traffic control operations shall be in accordance with the Virginia Work Area Protection Manual and shall be coordinated with the owner and VDOT (as necessary).
- Coordination of paving schedule with designated Roanoke County personnel to ensure that the facility remains operational during construction.
- **See Paved Area shown on the attached Paving Concept Plan.**

The Contractor is responsible for verifying all site measurements prior to submitting bids. Site plans have been provided for compiled from readily-available sources and are for reference only. A current field survey has not been completed to verify existing conditions on-site. Actual field measurements are the responsibility of the Contractor.

SECTION A-A

N.T.S.