32A – Paving/Curb & Gutter

GENERAL

1. Subcontractor to provide all scope items to provide a complete and functioning PAVING/CURB & GUTTER, scope of work including all necessary supervision, labor, materials, equipment, transportation, taxes, insurance and/or incidentals necessary to complete the Scope of Work identified within.

2. The following scope is not intended to be all-inclusive, but merely used to highlight some of the major scope items. Therefore, the work includes, but is not necessarily limited to, the following.
   a. Asphalt Paving
   b. Curb & Gutter
   c. Concrete Paving
   d. Pavement Markings

3. Subcontractor shall be responsible for complying with the requirements of all project Specification Sections, but most specifically the sections listed below:

   All Division 1 – General Requirement Technical Specifications prepared by the Designer and/or CM as applicable to this Trade Package Scope of Work.

   PRIMARY RESPONSIBILITY
   321216.01: Asphalt Paving
   321313: Concrete Paving
   321723: Pavement Markings
   SECONDARY RESPONSIBILITY
   312000: Earth Moving

Logistics

1. Trade Contractor shall not apply asphalt materials if subgrade is wet or excessively damp, if rain is imminent or expected before time required for adequate cure.
2. Immediately before placing asphalt materials, remove loose and deleterious material from substrate surfaces. Ensure that prepared subgrade is ready to receive paving.
3. Trade Contractor shall Place asphalt mix by hand to areas inaccessible to equipment in a manner that prevents segregation of mix. Place each course to required grade, cross section, and thickness when compacted.
4. Trade Contractor shall construct joints to ensure a continuous bond between adjoining paving sections. Construct joints free of depressions, with same texture and smoothness as other sections of hot-mix asphalt course.
5. Trade Contractor shall pave entrance to project site on Governors Hill Lane per Logistics Plan by Samet Corporation.
6. When automatic machine placement is used for curb and gutter placement, submit revised mix design and laboratory test results that meet or exceed requirements. Produce curbs and gutters to required cross section, lines, grades, finish, and jointing as specified for formed concrete. If results are not approved, remove and replace with formed concrete.
7. Proceed with pavement marking only on clean, dry surfaces and at a minimum ambient or surface temperature of 55 deg F for water-based materials, 40 deg F (4 deg C) for oil-based materials, and not exceeding 95 deg F.
8. Allow paving to age for a minimum of 30 days before starting pavement marking.

Coordination

9. Coordinate layout and completion of fence and post footings prior to installation of asphalt paving and surfacing.
10. The Site Preparation Trade Contractor will provide backfilling of all concrete curb and gutter and paving work provided by this Trade Contractor.

Layout

11. Do not apply pavement-marking paint until layout, colors, and placement have been verified with Architect.

General Work

12. Trade Contractor shall assume all responsibility for determining if prepared subgrades are in conformance with the information reflected within the Contract Documents for asphalt pavement areas.
13. This Work shall include, but not be limited to, fine grading of all subgrade work areas previously delivered by the Site Work Trade Contractor to receive work required of this Scope of Work, including graded aggregate base, concrete curb and gutter, etc.
14. Trade Contractor shall furnish and install asphalt paving, wheel stops, and curbs as specified in the project documents. Include striping, parking as specified in the project documents.
15. Trade Contractor shall replace curb at Governors Hill Lane entrance as indicated on project documents.
16. Trade Contractor shall provide final adjustment of manholes, cleanouts, valve boxes, inlets etc. prior to final paving.
17. Trade Contractor shall provide all sawcutting, grinding, milling, wedge course, tack coat and other items necessary to tie new paving to existing. Repair existing surfaces to like new condition if disturbance is required.
18. Trade Contractor shall include cleaning and preparation of existing paving for tie-in as specified in the project documents.
19. Trade Contractor shall include all necessary handwork to complete the scope of work.
20. Provide hot-mix asphalt paving according to materials, workmanship, and other applicable requirements of standard specifications of North Carolina Department of Transportation (NCDOT).
21. Trade Contractor shall proof-roll subgrade below pavements with heavy pneumatic-tired equipment to identify soft pockets and areas of excess yielding. Do not proof-roll wet or saturated subgrades.
22. Provide all labor, materials, and equipment for complete turnkey concrete curb & gutter installations as indicated on project drawings.
23. Provide all painted directional lane markings, painted handicap markings, line striping, and miscellaneous painted markings.
24. Trade Contractor shall adjust to appropriate finish grade elevations all tops, grates and covers associated with the sanitary sewer manholes, catch basins, drop inlets, grate inlets, etc. located within or directly in contact with an asphalt pavement system.
25. Trade Contractor shall clean all curb and gutter prior to final acceptance by the Owner. All asphalt shall be properly cleaned between courses for proper adhesion, before striping for proper application and prior to final acceptance by the Owner. This work shall be scheduled in advance with the Construction Manager.
26. Trade Contractor shall include milling existing asphalt paving and overlay asphalt paving.
27. Provide 24” concrete curb & gutter per locations and layouts indicated on project drawings.
28. Trade Contractor shall form isolation joints of preformed joint-filler strips abutting concrete curbs, catch basins, manholes, inlets, structures, walks, other fixed objects, and where indicated.

29. Tool edges of pavement, gutters, curbs, and joints in concrete after initial floating with an
30. edging tool to a 1/4-inch radius. Repeat tooling of edges after applying surface finishes. Eliminate tool marks on concrete surfaces.
31. Protect pavement markings from damage and wear during remainder of construction period.
32. Clean spillage and soiling from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

Schedule

33. TIME IS OF THE ESSENCE. Trade Contractor shall commence the work when directed by Samet Corporation and agrees to diligently and continuously prosecute such work in a manner so as not to delay other work being done on the project by other trades. The Subcontractor agrees to complete the work in accordance with the project schedule.
34. Trade Contractor is to provide phasing and remobilization per the project schedule and as required for proper coordination and completion of the work. Subcontractor acknowledges multiple crews working simultaneously in different areas may be necessary to achieve schedule.

Exclusions

35. Landscaping or permanent seeding
36. Pest control treatment
37. Site demolition

End of Document