

ATTACHMENT 1 SPECIFICATIONS & REQUIREMENTS

ITB5242024	
INSTRUCTIONS:	Please respond with “yes” or “no” in Response column and/or Explain in Bidders Comments column

Section 3 Specs & Requirements	Questions	Response	Bidders Comments
<b>3.1 Design Services</b>	ISU will provide a Geotechnical report of Miller Ranch Field with new subgrade recommendations		
3.1.1	Can vendor provide a Layout Plan?		
3.1.2	Can vendor provide a Grading Plan?		
3.1.3	Can vendor provide a Utility Plan to include utility locating and marking?		
3.1.4	Can vendor provide field marking rendering and signoff?		
3.1.5	Can vendor provide a detail plan to include demolition?		
3.1.6	Will the vendor have site staging, entry and exit plans?		
3.1.7	Will vendor have a construction site survey and layout?		
<b>3.2 Existing Subgrade &amp; Subgrade Preparation</b>			
3.2.1	Can vendor provide shop drawings and specifications of subgrade preparation?		
3.2.2	Will vendor utilize laser grade and compact subgrade?		
3.2.3	Excavate existing soils to 8” below final grade. Soil excavation should have a minimum variance of no more than +/- 1” of final grade.		
3.2.4	Identify any soft spots and over excavate 12” and compact gravel to surface.		
3.2.5	All overburden and excess to be hauled offsite. Vendor to provide disposal site.		

3.2.6	Vendor is responsible for all conduit locating and protection.		
3.2.7	Any broken conduit shall be reported and inspected for damage prior to backfill being performed.		
3.2.8	Existing subgrade shall be compacted prior to placing of any new materials.		
3.2.9	Provide and install 4oz geotextile / weed block fabric on existing subgrade surface		
3.2.10	All transport, shipping and mobilization fees to be included.		
<b>3.3 New Subgrade Materials</b>			
3.3.1	Vendor shall provide a minimum of two layers of fractured washed rock materials.		
3.3.2	Vendor shall provide 4.5" of 1"-1.5" compacted permeable base washed rock placed on geotextile first level.		
3.3.3	Vendor shall provide 3.5" of 3/8" compacted permeable base washed rock. Placed on second level.		
3.3.4	Final grade should not vary from final grade more than 1/4". Laser grade to final slope.		
3.3.5	All rock materials are to be washed and permeable. Road base materials are NOT preferred.		
3.3.6	Finish grade finish rock material to meet specifications of the new turf.		
<b>3.4 Drains</b>	No storm drains currently exist within this project. All drains shall be new.		
3.4.1	Provide and install (one) continuous trench drains for the turf around the exterior perimeter of the field. Approximately 690 L.F. +/-		

	Contractor to field verify and compare to geotechnical report.		
3.4.2	Trench drains shall be excavated 24" wide and 24" deep. All trench drains to be 24" x 24" with a 4" perforated pipe installed 6 inches from the bottom and geotextile fabric.		
3.4.3	Trench Drain to require a 4" perforated pipe installed on 6" of gravel leveled and connected. Drain to daylight under the home warm up area. Contractor to field verify with ISU PM and ISU Chris Wagner.		
3.4.4	One trench drain approximately 60L.F. will be added as a cross drain to the infield and connected to the perimeter drain. Field verify and coordinate with ISU Project Manager.		
3.4.5	Trench drains shall have 4oz geotextile liner placed within the trench drain prior to placement of 1" – 1.5" washed rock. No holes or tears.		
3.4.5.1	Provide lineal foot price for trench drainage?		
3.4.6	Compact gravel in lifts no more than 12 inches per lift. Hand bed perforated pipe of necessary to avoid crushing the pipe.		
3.4.7	Dugout drains will need to be connected to the trench drain in front of each dugout for future drainage.		
	<b>3.5 Curbing</b>		
3.5.1	Provide and install a new 12 inch T x 12 inch W concrete curb with one troweled exterior edge ¼" – ½" radius.		
3.5.2	Provide a minimum 3500psi concrete mix.		
3.5.3	Contractor shall coordinate new curbing with an existing,		

	new, dugout materials install prior to installation. Contractor to field verify and coordinate with ISU PM.		
3.5.4	Provide two 3/8" or 1/2" fiberglass rebar centered in the curb 4 – 6 inches apart, centered vertically and horizontally.		
3.5.5	Curbing to be placed on top of the new trench drain, recessed in the gravel if necessary to meet final grade, and to the outer edge of the field. Contractor to field verify final grade and trench drain location.		
3.5.6	Supply and install nailer board (if applicable) at the perimeter or attach as manufacturer recommends.		
3.5.7	Nailer board must be water resistant and match minimum eight year warranty.		
<b>3.6 Retaining Walls</b>			
3.6.1	Existing retaining wall near the visiting team warm-up area to be removed and shifted to the north or north east and replaced against the fence line. Contractor to field verify. See site map for location.		
3.6.2	Add a new retaining wall for the home team warm up area and batting cage. Contractor to field verify. See site map for location.		
<b>3.7 Seams</b>			
3.7.1	Vendor will specify glue seams, spikes, staples and seam tape. Specify glue type, strength, temperature range, longevity, and application style. Verify glue is sufficient for the Idaho climate and temperature range of 100 degrees F to -40 degrees F.		

3.7.2	Specify glue warranty and any conditions that can void the glue, staple or seam tape warranties.		
3.7.3	Seam materials must match turf warranty and longevity.		
3.7.4	Seam warranty issues shall be addressed by the contractor only.		
<b>3.8 Warranty</b>			
3.8.1	Provide minimum eight year manufacturer warranty on all materials.		
3.8.2	Provide minimum eight year installation warranty.		
3.8.3	Provide copies of written warranties to ISU athletics and ISU facilities departments prior to final payment.		
3.8.4	Complete a substantial completion walk through and all punch list items to be signed off prior to final payment.		
<b>3.9 Field Turf &amp; Markings</b>	Athletic outdoor softball field turf covering infield, outfield, batting cages near home dugout, and both home and visitor's bullpens. This represents approximately <b>52,100 square feet.</b>		
3.9.1	Demarcations		
3.9.1.1	Dark Brown color for infield turf materials. Warning track for outfield fence to match infield color. Contractor to field verify existing size and submit a final rendering for approval (specify pile height, infill weight, pile weight).		
3.9.1.2	Green grass color for outfield and other areas. Alternating green colors in the outfield are preferred. (Specify pile height, infill weight, pile weight).		
3.9.1.3	All lines, boxes, mound circle, etc. Batters' boxes, catchers' box, foul lines, on-deck circles, coach's boxes,		

	pitchers' lane (Provide rendering for final approval). Include details for pitchers' mound, bases and pegs.		
3.9.1.4	Donor Field name (3 color or 2 colors) on 1 <sup>st</sup> base and 3 <sup>rd</sup> base lines, graphics and sizing to be provided by ISU.		
3.9.1.5	Institutional logo "IS" (3 color or 2 color) at center field, include maximum graphic and sizing. Suggest best ratio for graphic sizes.		
3.9.1.6	Outfield logos. Provide rendering and ratio recommendations.		
3.9.1.7	Extra turf and infill materials. Include pricing for replacement base paths, pitcher's mound, and other high traffic areas.		
3.9.1.8	Set and install plate, pitcher's rubber and bases on field.		
3.9.1.9	Provide and install Crum rubber infill as appropriate for area (approximately 2lbs per square foot) or as per manufacturers recommendations.		
3.9.1.10	Sand infill as appropriate for area (approximately 2lbs per square foot) or as per manufacturers recommendations.		
3.9.1.11	Installation and initial grooming of turf to be included.		
<b>3.10 Proposed Project Schedule</b>			
3.10.1	Please provide an anticipated schedule and costs for the number of weeks needed for project completion, including projected completion date in 2024.		
3.10.2	Proposed schedule to include:		
3.10.2.1	Timeframe for material procurement.		

3.10.2.2	Timeframe for installation and construction.		
3.10.2.3	Timeframe for substantial completion date.		
<b>3.11 Exclusions</b>	Contractor must include all inclusions within the estimate or items will be considered included within the scope of work.		
<b>3.12 Alternates</b>			
3.12.1	Contractor/supplier to discuss any bid alternates prior to award.		
3.12.2	Shock pad as alternate for added durability to turf.		
<b>3.13 Samples</b>			
3.13.1	Provide samples of all proposed materials to ISU at the earliest convenience. Samples should include all options/levels of material quality and related price points.		