

BULK SAND FOR THE FOUNDRY

1. GENERAL

* This requirement is for the purchase, delivery of BadgerCast FW80 sand to B212 Foundry.

2. SUPPLY BULK SAND

- * The vendor shall be responsible for delivering BadgerCast FW80. The sand shall have typical chemical and physical properties as shown below.

FW80			
Typical Screen Analysis		Typical Chemical Analysis	
Sieve	% Retained		
#20	0	Silicon Dioxide (SiO ₂)	99.70%
#30	0	Aluminum Oxide (Al ₂ O ₃)	0.13%
#40	0.2	Iron Oxide (Fe ₂ O ₃)	0.06%
#50	2.1	Potassium Oxide	0.08%
#70	18.4	Calcium Oxide (CaO)	0.02%
#100	44.1	Magnesium Oxide (MgO)	<0.001%
#140	28.3	Sodium Oxide (Na ₂ O)	<0.001%
#200	6.1	Titanium Dioxide (TiO ₂)	<0.001%
#270	.9	Typical Values	
Pan	0	Loss on Ignition (LOI)	0.083%
GFN	79.5	pH	7.0
		ADV	.5

The vendor shall supply a certification of analysis with each shipment. The certification of analysis must contain Sieve Analysis results, GFN and Acid Demand Value. Vendor shall supply a small sample of sand that is representative of the sand being delivered for internal JMTC testing.

3. SAND DELIVERY

The vendor will deliver bulk sand using truck with a bulk pneumatic blower to blow the sand into the sand storage hopper. The sand will be pumped in from both the south and north side of building 212 Foundry. Normal deliveries will be pumped in from the south side of building 212. Deliveries to the north side of building 212 will be to fill storage hopper. Each deliver should be within plus/minus 10% of the ordered quantity. Sand system holds 45 tons of sand and the storage hopper holds 25 ton Estimated annual usage is 1875 tons.

Annual usage based off current workload. There will be 3 truckloads to fill the system at the start. 2 truckloads for the sand system then 1 truck load for the storage hopper. From that point on we will need 1 truckload a week. RIA-JMTC reserves the right to contact supplier for additional sand deliveries if needed. Vendor must invoice based off certified Weight Tickets.

4.SAFETY

When services are performed onsite the vendor is responsible for complying with all federal, state, and local safety and environmental regulations, including, but not limited to Rock Island Arsenal, Department of the Army (DA), Occupational Safety and Health Act, Environmental Protection Agency (EPA), Illinois Environmental Protection Agency (IEPA). Vendor must adhere to all Rock Island Arsenal Safety requirements, policies and statutes.

5. SECURITY: Security training (not needing a CAC)

Access and General Protection/Security Policy and Procedures.

The vendor and all associated subcontractors employees shall provide all information required for background checks to meet installation access requirements to be accomplished by the installation Director of Emergency Services.

For contractors that do not require CAC, but require access to a DoD facility or installation.

Vendor and all associated subcontractor employees shall comply with adjudication standards and procedures using the National Crime Information Center interstate identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (Army Directive 2014-05/AR 190-13), applicable installation, facility access and local security policies and procedures (provided by government representative). The RIA-JMTC representative will provide guidance to complete the Access Control Records Check request Form thru the RIA Directorate of Emergency Services.

IWATCH (See Something, Say Something) Training. This standard language is for vendors employees with an area of performance within an Army-controlled installation, facility, or area. The contractor and all associated subcontractors shall brief all employees on the local iWATCH program (training standards provided by the requiring activity ATO). This locally developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the COR.

This training shall be completed within 60 calendar days of contract award and within 60 calendar days of new employees commencing performance, with the results reported to the COR no later than 60 calendar days after contract award.

Random Antiterrorism Measures Program (RAMP) participation. Contractor personnel working on an installation are subject to participation in installation RAMP security program (e.g. vehicles searches, wearing of ID badges, etc.).