Specifications for Used Oil Absorbents

Instructions to Bidders: Respondents shall submit firm-fixed unit pricing for all items listed below for each year of the five-year contract term. Unit prices must include all shipping, handling, and drop-ship delivery costs to designated county and municipal facilities across Tennessee (F.O.B. Destination). See delivery addresses in Attachment 2 – Delivery Locations. Sales tax shall not be included, as state and local government entities are tax-exempt.

Bid Items

Item 1: 55 or 65-Gallon Overpack Oil-Only Spill Kit

- **Product Type:** Emergency Response Spill Kit in Overpack Container
- **Target Fluid Compatibility:** Hydrocarbons, petroleum-based liquids, engine oil, hydraulic fluid, diesel (water-repellent)
- **Container Specifications:** fifty-five (55) or sixty-five (65)-gallon yellow polyethylene overpack salvage drum with a screw-on lid
- **Minimum Container Approvals:** UN Rated (UN1H2/X300/S or equivalent DOT approval)
- **Kit Contents Requirement:**
    - **Pads:** Minimum fifty (50) heavy-weight oil-only pads
    - **Socks:** Minimum ten (10) oil-only absorbent socks (approx. three (3) inches × four (4) feet)
    - **Pillows:** Minimum five (5) oil-only absorbent pillows
    - **Personal Protective Equipment (PPE):** one (1) pair chemical splash goggles and one (1) extra-large (XL) pair heavy-duty nitrile gloves
    - **Disposal:** Minimum ten (10) heavy-duty clear disposal bags with ties
- **Total Kit Absorption Capacity:** Minimum fifty (50) gallons per kit

Item 2: 55 or 65-Gallon Spill Kit Refill Pack (No Container)

- **Product Type:** Full replacement internal contents for a fifty-five (55) or sixty-five (65)-gallon oil-only spill kit
- **Target Fluid Compatibility:** Hydrocarbons, petroleum-based liquids, motor oil, hydraulic fluid, diesel (hydrophobic/water-repellent)

- **Packaging:** Pre-packaged in a heavy-duty box or bag for drop-shipping and direct loading into existing fifty-five (55) or sixty-five (65)-gallon overpack drums
- **Refill Component Minimum Requirements:**
    - **Pads:** Minimum one hundred (100) heavy-weight oil-only pads (approx. fifteen (15) inches × eighteen (18) inches)
    - **Socks:** Minimum fifteen (15) oil-only sorbent socks (approx. three (3) inches × four (4) feet)
    - **Pillows:** Minimum six (6) oil-only absorbent pillows
    - **Disposal Accessories:** Minimum ten (10) clear, heavy-duty disposal bags with tamper-evident ties
    - **Personal Protective Equipment (PPE):** one (1) pair chemical splash goggles and one (1) extra-large (XL) pair heavy-duty nitrile gloves
- **Total Kit Absorption Capacity:** Minimum fifty (50) gallons per refill pack

Item 3: Oil-Only Absorbent Pads (100 / Bale)

- **Product Type:** Heavy-weight meltblown polypropylene absorbent pads
- **Dimensions:** Approximately sixteen (16) inches × eighteen (18) inches
- **Material Density:** Heavy-weight (250–299 GSM)
- **Fluid Performance:** Hydrophobic (repels water); selectively absorbs petroleum and oil-based fluids on land or water
- **Construction:** Single-sided laminate or sonic-bonded dimple pattern for enhanced wicking, tear resistance, and fluid retention

Item 4: Oil-Only Absorbent Socks (approximately 40 socks / Case)

- **Product Type:** Flexible sorbent socks for spill containment and perimeter diking
- **Dimensions:** approximately three (3) inches diameter × four (4) feet length
- **Outer Skin / Filling:** Flexible sleeve filled with 100% polypropylene sorbent material
- **Fluid Performance:** Absorbs oils, fuels, and hydrocarbon fluids while repelling water

Item 5: All-Purpose Granular Absorbent (25lbs to 30lbs / Bag)

- **Product Type:** Loose granular absorbent
- **Material Base:** 100% post-consumer recycled cellulose / paper fiber (dust-free, non-abrasive, silica-free)
- **Fluid Performance:** Absorbs oils, lubricants, coolants, solvents, and water-based fluids on contact
- **Absorbency Ratio:** Minimum 1:1 weight-to-weight ratio (e.g., 25–30 lbs. absorb approximately 3.5 to 4 gallons of fluid)
- **Safety & Environment:** Non-hazardous (29 CFR 1910.1200 compliant), 100% biodegradable, free of crystalline silica
- **Packaging Unit:** Palletized at approximately 65-77 bags/pallet