UNICEF / Supply Division

Supplies for EVD outbreak response

Body Bags

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Ebola Response – Burial Supplies

Context of Use:
. Deceased EVD victim tremendously infectious (extreme viral load)
. Burial practice (SoP), i.e. body bags, are essential phase infection control efforts
. Classic body bags not suitable for EVD response (i.e. fabric strength, ergonomics, cultural and religious acceptance, leak proof, etc.)
. Results in specific requirements for acceptable infection control body bags
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Procurement Specifications – Infection Control Body Bags (Adult / Child):

- Full-length U- or J-shaped zipper; runner large metal loops on the zip-runner
- Leak-proof, during handling and transportation corpse
- Integrated transparent label pocket for identification tag
- Highly tear-proof and puncture resistant
- Seams heat-sealed, seal-width not less than 10 mm
- Linear enforced PE, EVA or PEVA
- Thickness: 300 to 400 um
- No chlorides (cremation)
- Non-degradable (bag disintegrates in soil 5 - 8 years)
- Carry capacity 120 kg (adult) / 50 kg (child)
- 4 to 6 integrated reinforced carry handles
- Color: white
- Size 220 x 100 cm (l x w) and 120 x 80 cm (l x w)
- Supplied folded
- Shelf life at least 10 year
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Product Standards:

- None in particular specific to the product
- Standards being identified for performance of fabric and quality of work
- Puncture resistance, quality thermo-welded seams, tear resistance, stitches and zipper leakage, carry capacity, etc
- Other instruments used to ensure quality of the product: QMS (9001:2008), per-bid and per-shipment sample evaluations, lot-testing, pre-delivery inspections, end-user monitoring

Specific Issues:

- Available sources offering compliant quality product
- Manufacturers producing in an accredited quality managed environment
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Procurement Specifications – absorbent pad for body bag:

- Fluids absorbent pad for body bags
- Thick cotton lining on polyethylene base
- No chlorides
- Absorption capacity: min. 5 liters
- Resistant to 0.5% chlorine solution
- Color: white
- Size: approx. 150 x 75 cm
- Single use purpose
- Shelf life: Min. 5 years

Product Standards:

- None in particular specific for the product
- Standards being identified for performance of fabric and quality of work, f.e. absorbance capacity.

Specific Issues:

- Existing product, relative new application (infection control)
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Procurement Specifications – Classic Body Bags (Adult / Child):

- Full-length U- or J-shaped zipper; runner large metal loop
- Leak-proof, during handling and transportation corpse
- Integrated transparent label pocket for identification tag
- Highly tear-proof and puncture resistant
- Seams heat-sealed, seal-width not less than 10 mm
- Linear enforced PE, EVA or PEVA
- Thickness: 300 to 400 um $\rightarrow$ 150 um
- No chlorides (cremation)
- Non-degradable (bag disintegrates in soil 5 - 8 years)
- Carry capacity 120 kg (adult) / 50 kg (child)
- 4 to 6 integrated reinforced carry handles $\rightarrow$ no handles
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Thank You, For Your Attention!