

# Waste Management of Unknown Substances inc Hazardous Waste Routine Employers Instruction Template

BEFORE RAISING YOUR 1B1S REQUISTION AND COMPLETING THIS FORM YOU MUST ENSURE YOU HAVE THE APPROPRIATE MANAGEMENT APPROVAL IN PLACE TO UNDERTAKE THE WORKS. Details of the approvals required can be found by clicking the category code link on Easinet page <a href="http://intranet.ea.gov/tools/applications/29990.aspx">http://intranet.ea.gov/tools/applications/29990.aspx</a>

Call Off	all off   Lot 4 – Illegal Waste Sit Inder Lot	EA Ref: Project_32377 Mini-Competition	
			Supplier Ref: ecm_60873
Incident/Project Na	me: Chemical Storage Site -	Commencement Date.	11 March 2021
Location:	-	Finish Date:	31 March 2021
		Payment Method	Payment will be made upon successful completion of the requirement and upon receipt of a valid invoice.
		Con	tractor Details
		Company	Acumen Waste Services
Map/Grid Ref:		Contact Name	
EA Contact Details		Contact Number	
Name		Email	
Position		Contact Name 2	N/A
Contact Number		Contact Number	N/A
Email		Email	N/A
Section 2		To the Contra	ector
		Details	
The ownership for at least a range of business a container storage and chemical wastes and activities on the site in storage of assorted containers.	on of work to be carried out:  site has been under the curre 20 years and had previously be activities including general haula transport, and processing of a samples. There is evidence of the the general waste left behind a hemicals in various containers, and in a warehouse to the back of	ent details if een host to age, range of the previous and in the corroded	Parties involved (with contact irequired): N/A

The condition of the site could generally be described as decaying and neglected.

#### Scope of the work

To remove from site for recovery / disposal of chemical wastes resulting from the illegal deposit of such wastes at the site. To undertake the remedial actions detailed in the scope of works to minimize the immediate risk of pollution resulting from the initial incident.

You must apply the waste hierarchy and decide on waste recovery/disposal options before you arrange waste transfer. It is a legal requirement for waste to be managed as near the top of the waste hierarchy as possible and to include a declaration to this effect on the waste transfer/consignment note. In order to complete this declaration you will need to have a justification supporting the waste management choice selected.

## All works onsite to be completed by 31 March 2021.

- 1) Safe containment, collection, transportation and recovery/disposal/treatment of the contents of corroded drums within severely decayed shipping container (stored at height on another shipping container). See Annex 1, Figure 1 Site Layout and Photographs 1-4 Aerial View of external area.
- 2) Safe containment, collection, transportation and recovery / disposal / treatment of chemicals limited to petrol/diesel, Methanol, Styrene, Epichlorohydrin, and Kerosene stored within the warehouse. See Annex 1 Figure 2 Internal Plan of the Warehouse, Table 1 List of Chemicals onsite and Photographs 5-8: Interior of Warehouse Building.
- 3) Safe excavation, containment, transportation and disposal/treatment of grossly contaminated ground limited to the immediate vicinity of the shipping container. See Annex 1 Figure 1. This area of contaminated soil is considered likely to be associated with corroding drums stored within the container. Remedial action is required to remove or treat this area of contaminated material. The results of soil sampling and analysis previously undertaken in this area are provided in (Annex 1). Validation sampling will be required following excavation or treatment of soils together with an assessment of any residual risk associated with remaining contamination.

It is possible that the grossly contaminated soil adjacent to the shipping container is located on a layer of tarmac which could be affecting the migration of pollutants and / or reducing infiltration into the ground. The possible presence of tarmac should be taken into account in the proposed method for the treatment of contaminated soils.

4) Final Report to be submitted by the contractor detailing completion of works within scope to be received by **31/05/2021** 

#### Overall objective

- 1) To reduce the risk of an imminent acute event by removal of the highest risk hazardous chemicals.
- 2) To minimize the environmental and human health impacts should a fire occur onsite
- 3) To minimize the impacts of primary and secondary pollution from a potentially hazardous substance leakage
- Extent to which waste will need to be identified on site and the process for this or if waste type is confirmed provide details
- 1) For chemicals listed in scope 3.2 see Annex 1 Table 1 List of Chemicals Onsite. Contractor will need to comply with all appropriate legislation for the classification, transportation and recovery / treatment / disposal of waste.
- 2) Removal of identified grossly contaminated land as shown in Annex 1 Figure 1 is to be limited to the area surrounding the decayed shipping container. Contractor will need to comply with all appropriate legislation for the classification, transportation and treatment / disposal of waste. The results of soil sampling and analysis previously undertaken in this area are provided in (Annex 1). Validation sampling will be required following excavation or treatment of soils together with an assessment of any residual risk associated with remaining contamination.

It is possible that the grossly contaminated soil adjacent to the shipping container is located on a layer of tarmac which could be affecting the migration of pollutants and / or reducing infiltration into the ground. The possible presence of tarmac should be taken into account in the proposed method for the treatment of contaminated soils.

- 3) With the defined scope of works we do not anticipate unforeseen costs. If this occurs it is to be discussed and agreed by the client at the earliest opportunity.
- · Location of the waste



The site is unoccupied and not secure and situated on the East Coast in a relatively remote area. It is heavily overgrown. The surrounding land is predominantly agricultural.

There is a residential property with three residents immediately adjacent to the site. This is unconnected to the land at the rear of Other nearby receptors include a playing field / clubhouse (~250m).

Landowner has been cooperative with access to the site; however, the Environment Agency has the authority to access and provide access to contractors to undertake this work.

## Regulatory requirements and any relevant exemptions

No specific EA regulatory approvals are required to undertake this work. Contractor will need to comply with all appropriate legislation for the classification, transportation and treatment / disposal of waste.

## Site management and security issues

- Welfare provisions for onsite staff is the responsibility of the contractor
- Site security for working areas is the responsibility of the contractor
- See Schedule 1 for GDPR requirements

#### Reporting requirements

 Summary of completion of all onsite works must be received by 31 March 2021.

Final Report to detail completion of all onsite works within scope to be received by 31/05/2021

Anticipated services required: As above

- Identified Hazards (Contractor is required to undertake full Dynamic Site Risk Assessment before commencing work)
- Known health and safety implications/issues

The site has been effectively abandoned for the last 13 years with only sporadic attendance by the landowner. Access by heavy plant is restricted due to site layout, vegetation and structural integrity of the onsite shipping containers.

The landowner has not been hostile during previous engagements

Work at height is required to remove corroded drums from the shipping container and access is restricted due to site layout, existing storage and the severe structural decay of containers and drums.

Not all chemicals onsite have been identified

Site has no electrical connection. This

has been disconnected due to risk of fire.

Cement bonded asbestos on site, stacked, stored externally. Some broken pieces scattered haphazardly.

Significant rat population noted on site – leptospirosis risk.

#### Known Environmental issues

Residential property adjoins the site. Occupants aware of the site and cooperative with regards to access and remedial works required.

The risk of emissions to air (apart from in an acute pollution event) are from VOC's emitted from chemicals stored on site with residents in close proximity. Chemicals we are aware of, for example Styrene which is a known carcinogen and linked to impaired health of the nervous system. At present the PID survey has shown that ambient vapour levels are acceptable however there are elevated readings next to storage of volatile and highly flammable chemicals highlighting storage decay and with the potential for catastrophic failure which would result in an acute health risk scenario. This will be an issue for working in close proximity to the wastes.

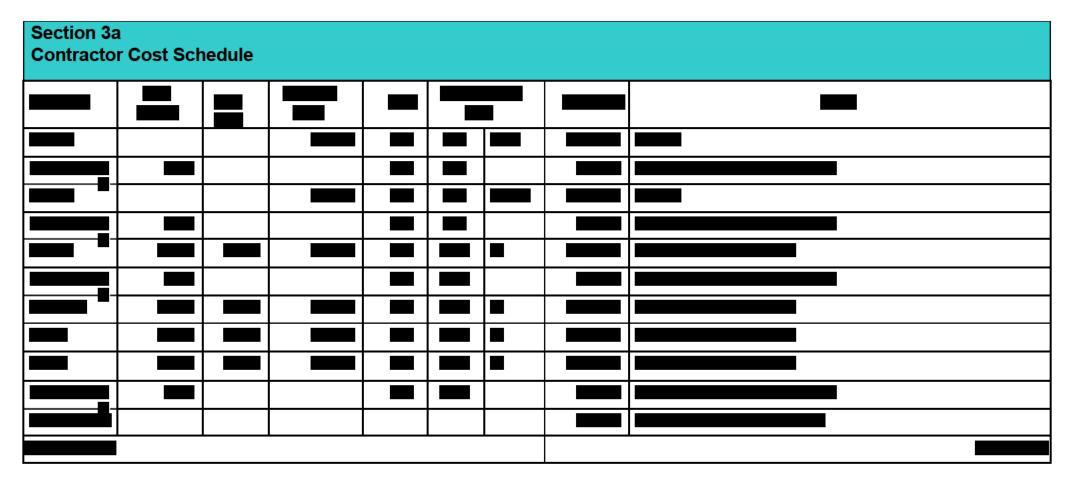
The risk to ground water was initially considered low due to thick underlying deposits of clay. Risk of surface water run off to adjecent field drain and dispersal to adjoining agricultural land (localised).

Special Instructions/Additional Information:
Acumen Waste Services staff working on the site will require temporary authorisations to accompany an authorised Environment Agency officer onto any premises they are entering, for the purposes of determining/exercising or performing a pollution control function or flood risk activity function under Section 108(1) of the Environment Act 1995 (summary of those see over).

Contact Details at Site:

Key Contractor Personnel:	Role	Approved Subcontractors: N/A
	Project Governance	
	Technical Director	
	Project Manager	

Technical Manager



Equipment	Rate (norm)	Unit	weeks	Proportion of	Quotation	Notes:

# Official - Sensitive

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# Official - Sensitive

Grand total		£63,026.16

	EA Autl	norisation t	o commence	e services	
Signed	To be agreed electronically via Bravo				
For <b>Employer</b>					
		Supplier	Acceptance		
Signed	To be agree	ed electroni	ically via Bra	VO	
For <b>Supplier</b>					
Section 3b Contractor Cost Variation / Final Cost F			Record	final costs for the services pro initial cost estin the incident and managing office final invoicing.	ust be completed by the contractor once the ne service are agreed and / or if the costs of covided are anticipated to exceed >5% of the nate. Any additional costs identified during d / or final costs must be agreed with the EA er prior to undertaking the additional work / If the form cannot be completed at time of the returned on the next working day
Description of Service			Unit of	GDS	Anticipated Total
2 ccompaion or connec			Measure	Rate	, and spaces i stail
Waste Identification/Asse	ssment				
Waste Removal /Packagi	ng/ Transpor	t			
Waste Storage					
Waste Disposal and Proc	essing				
Transport/Travel					
Plant/Machinery					
Vehicles					
Other (please Specify)					
Reason for variation					
Supplier notifica	tion of cost in	crease/fina	l al cost confin	mation (add	rows if necessary)
Signed				Name	
For <b>Supplier</b>	Date			Position	
т от Сиррист	Date			1 COMOT	
	EA Autho	risation of	Cost Estima	te Variance	
Signed				Name	
For Employer	Date			Position	
	EA	Authorisat	ion of Final (	Costs	
Signed				Name	
For Employer	Date			Position	

Section 4 Contractor Performance Feedback		Please complete this section of the form once the contractor has completed all services requested. Your feedback is important to develop suppliers and best practice or correct any areas of concern	
	Performance Measures	Comments	
1	Response Times and Service Delivery		
2	Compliance with waste and Environmental regulations		
3	Management of Sub-Contractors (if applicable)		

# Official - Sensitive

4	Health and Safety (including use of Red/Yellow Card Process if applicable)	
5	Sustainability Improvements	
6	Value for money	
7	Other Comments	

A copy of this form must be sent to	once
final costs have been agreed.	