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| **Describe the process, activity or task being undertaken:** | | |
| **Activity** | | Turnkey project for the delivery of a surface water pumping system to replace the existing redundant system |
| **Location** | | Existing surface water retention lagoon and discharge into the adjacent river Alt |
| **Consider people involved** | | Appointed contractor  Members of the public passing by  MWDA personnel |
| **Equipment and substances to be used.** | | The project will involve the installation of:  Pumps and delivery hoses etc.  Electrical control panels  Delivery and lifting equipment (Hiab type vehicles) |
| **Item** | | **Comments/observations** |
| **1** | **Selection of contractor** | Through Contracts Finder and subject to Contractor Information Pack |
| **2** | **Existing environment** | The pump station is located within the curtilage of a former landfill site.  The works are is exposed to the elements with little protection other than the brick motor housing  Works are contained to the pumping station and riverside, with no incursion onto the landfill site.  The landfill site is an active arable land |
| **3** | **Existing welfare facilities** | None, and no potable water. The contractor will be obliged to provide all welfare as required. |
| **4** | **Existing services** | Underground elec cable feeds the pump station from a nearby pole mounted transformer.  There are 2 No large diameter discharge pipes running from the pump station into the river. These are redundant. See drawings within the CD file. |
| **5** | **Contractors working area** | Contractor will be given the pump station which is secured by a palisade fence and under the scope of the cctv system  The is available the stone trackway as a laydown area if required, but this is exposed to the public.  There have been trespassers on site during the night time. |
| **6** | **Materials delivery and storage** | All materials will need to be delivered through the HWRC and along the access track. Access is adequate although uneven due to potholes.  Materials can be stored within the pump station and brick motor housing |
| **7** | **Traffic routes** | All traffic will travel through the HWRC and along the stone track.  Traffic must comply with the HWRC site rules. |
| **8** | **Overlap with site operations** | Traffic through the HWRC only |
| **9** | **Overlap with the public** | The HWRC is a public operation.  The stone track is open to the public and used by dog walkers etc.  The landfill site is active arable land, and farm workers should be expected. |
| **10** | **Impact of proposals on existing infrastructure** | The new pump installation is to replace the existing failed pump system.  The failed system will remain in situ and the new to be designed around it. |
| **11** | **Particular design details** | The contractor is to design and install the new pump system within the scope of the existing pump station, and discharge overland into the river at the location of the existing headwall.  The discharge must be such that it does not cause any damage to the river embankment of bed. |
| **12** | **COSHH** | COSHH to be undertaken by contractor |
| **13** | **DSEAR** | Basement to the motor housing bldg.. See CDM file |
| **14** | **Confined space entry** | Basement to the motor housing bldg.. See CDM file |
| **15** | **Working at height** | Installation of the pump will entail working alongside the lagoon wall, with a difference in height of approx.. 4m |
| **16** | **Electrical works** | Pump control panels will need to be connected to the existing incoming elec supply |
| **17** | **High pressure mains** | NA |
| **18** | **Hot works** | Subject to the contractors proposals |
| **19** | **Works adjacent watercourse** | Discharge pipes to be laid overland and onto the existing headwall of the river Alt. |
| **20** | **Other** |  |