Anstruther Harbour – Mechanical Excavation/Suction Dredging

Pre-Tender Indicative Method Statement:

Staff and Equipment : Expected to be four personnel (one Foreperson and three dredger crew) wearing standard PPE - which will include lifejackets, dry suits, gloves, hard hats and boots, excavation dredging vessel and any barge/s or support vessels and associated crew required by the Contractor's chosen approach.

Site Assessment: A pre and post bathymetric survey of the area will be undertaken which will provide data toward the calculation of the material removed. The programming of this work will be to commence as the tides allow and in relatively calm sea conditions. An assessment of the conditions upon arrival on site at each tide is integral and work would only proceed if all personnel are confident of safe and productive working.

Access: The vessel will sail into the harbour and be accessible from the West Pier in the East Basin at which it will be berthed.

Work Process: Excavation/suction of the sand/silt will commence in the West basin along the frontage of the West Pier, working towards the top of the basin to allow the vessel to maximise egress/ingress of the harbour area. The pattern will be repeated until soundings indicate that the required average dredge depth has been reached. Dredging within the East Basin will be undertaken as considered appropriate by the contractor. It is estimated that approximately 180m3 of material will be removed each tide.

Egress: The reverse of the access procedure is carried out.

Environmental Precautions: As there is no waste material other than that being transported, the only anticipated clean-up requirement will be the washing down of the vessel which will be carried out at the disposal site. Therefore all dredged material will be deposited at the designated disposal site.

From arrival on site to completion of the dredging is estimated at up to nine weeks in February/March, 2019 (dependant on weather, tidal movement/strength and working capacity of the vessel).