

Wastewater Pumping Stations Standard Design

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Background

- Scottish Water has a duty to drain wastewater from new developments where it can be done so at reasonable cost.
- Pumping may only be considered where the life cycle cost over 40 years is less than conventional gravity solution.
- Historically both design and construction of wastewater pumping stations has proven problematic.
- Scottish Water has created an in-house standard product design for a range of wastewater pumping station scenarios. We have appointed a framework supplier to assist in the delivery of our current investment period.
- Developers were granted access to our framework supplier for private procurement of our standard product at our framework rates.
- This solution has proven to be popular with developers.
- Internal review highlighted inconsistencies in Scottish Water's application between bespoke and standard product solutions
- Opportunities in opening up this market further



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Our Proposal - Service

We currently have 2 options available to developers within Sewers for Scotland 4th Edition:-

1. Scottish Water Standard Product Pumping Station
2. Bespoke Pumping Station Design

We propose to introduce a 3rd option:-

3. Scottish Water Pumping Station Standard Design
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- This will allow previous market suppliers like yourselves to get pre-approved standard designs that will receive similar benefits to our standard product.
- We will share our standard product design with you to assist the development of your standard design.
- Your feedback on the level of your interest, how you can assist us to make this happen and how we can support you to achieve this is welcome.



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Our Proposal - Financial

We have also undertaken a review of our reasonable cost rates for wastewater pumping stations and propose the following rates taken effect from 1 November:-

Type 1 (<5 properties)	-	£50k
Type 2 (6 to 20 properties)	-	£50k
Type 3 (>20 properties)	-	£110k

- These rates include both civil and electrical / mechanical elements
- A cost benchmarking exercise utilising our standard product design costs, our capital delivery costs and other UK water industry costs helped us reset these rates.
- These rates will be reviewed on an annual basis with effect from 1 April.



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Next Steps

Electronic copies of our Standard Product Pumping Station design to be issued

Contact details for any technical queries supplied

Anticipated timescales to complete this work

Future communications

