

Appendix A (i) – Further essential background / detail on the proposal

1. To support the proposals already specified in the TEC business case and widen the potential benefits that can be provided through TEC, five expressions of interest have been submitted to the NHS for ASC Digital Transformation Fund (DTF) FY 22/23 for £3,281,480 on 5th September 2022. These have been placed with the NHS by North Somerset for BNSSG wide trials and seek to collaborate and pool resources and learning on trials of new technology enabled care across the region.
2. The response to these expressions of interest is expected in Autumn 2022. These bids seek resources to deliver increased support in relation to the hospital discharge pathway, extension of planned trials of new equipment and opportunity to trial further additional TEC, supported through a centralised monitoring centre. If the bids are successful there will be further discussion with the BNSSG ICS wide group (through the Digital Population Working Group) to determine the allocation of funds, resources, and work. The general aim will be to split resources three ways across the three authorities, but some resources may be allocated based on demand analysis.
3. The intention is that the Executive Director, to the extent any of these bids are successful, will agree with partners the allocation of funds between, and thereafter to expend the BCC element in the manner outlined.

Bids placed

Bid 1) Scaling of Digital Social Care Records (DSCR)/ Sensory Based Falls Prevention Detection (SBFPD) - £1,265,000

Bid 1a supports resource for managing additional pilots and trials. This includes various sensor-based falls prevention sensors and equipment along with cameras to rollout alongside the planned acoustic monitoring devices to enhance this delivery. It also includes development of a device agnostic, centralised monitoring centre, for BNSSG and the bid includes additional FTE resources to support this expansion. Match funding for this bid will be in kind support from the 7 FTE digital Champions along with funding from providers who would pay 50% for the service they receive from the pooled resources.

Bid 2) Scaling of technology delivery that support daily living. - £645,710

Bid 2 includes resource for data collection and processing, along with an additional 4 FTE for the monitoring of the devices. It includes extension of some sensor-based equipment that is currently in use in Bristol to trial this for long term use supporting people to live in the community independently for longer.

Bid 3) Fragility of the Health and Social Care System – TEC supporting winter pressures - £590,000

Bid 3 requests resource for 600 sensor-based units for individuals being discharged from hospital, who may be at increased risk through the impact of the cost of living on heating in homes. To avoid excessive exposure to a cold environment at home, which could lead to health conditions and hospital admissions, the proposal is to install temperature and humidity sensors in the homes of high-risk vulnerable people with a monitored service which can feed back to the local authority for direct human intervention.

Bid 4) Mental well-being – App development. £375,000

Bid 4 is a proposal to develop a self-assessment mental health app – with a view to the integration to medical interventions, virtual wards, and a step up and down process for accessing services and transitioning off them in a managed way.

Bid 5) TEC assessors in Home First teams to support the Discharge to Assess (D2A) pathway - £405,770

Bid 5 provides 6 additional TEC assessors across BNNSG with required equipment for one year to support development of the business case and better understanding of the impact of TEC in relation to easing the hospital discharge pathway.

Further information and requests for authorisation will be prepared as required once the outcome of the expressions of interest is known.