

**Invitation to Tender for  
Point Cloud, Topographical and  
Underground Services Survey  
Clarifications**

**Council Offices  
South Staffordshire Council  
Wolverhampton Road  
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## Document Control

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### Record of Issue

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### Distribution

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**1. Tender Clarifications**

No.	Query	Response
01	The introduction of the ITT mentions surveying/modelling 'part of the site'. Is this a reference to part of the South Staffordshire Council site and are we to assume that the survey area for the purposes of quoting are encompassed in the drawing below?	The survey areas are as indicated on the following drawing: 'CCH-KBS-ZZ-XX-DR-A-1900-PointCloudTopoAndUGServicesSurveyExtents-D2-P01'
02	The ITT asks for topographic and utility mapping to be extended 'to the opposite side of the road carriageway where adjacent to the site boundary'. In order to execute this fully, it is inevitable that we would need some traffic management to enable data collection in carriageway, adversely affecting the cost of the project. Whilst it is clearly essential to push out beyond the survey extents for the utility mapping in order capture all incoming/adjacent services, is there scope to reduce the absolute survey area to the nearside carriageway edge, to avoid radar collection in the carriageway?	We require possible manhole positions in the road carriageway so please price the specification provided. The survey company needs to price for undertaking this work in a safe manner with adequate RAMS in place for the works.
03	Topographic Survey Scope 5.8 (outputs) mentions 3d topographic Revit model – are you looking for a standard 3d DWG topo survey AND a Revit model of the same? If so, to what level of detail??	A 3D DWG and a Revit model are required for the topo survey. For the Revit model please price separate LOD options as specified for the building, ie LOD 300 and 400.
04	Is there any specific time set for the Deadline 14th December 2018?	Midnight.
05	Is it required to fill out and sign the template contract (TEMPLATE CONTRACT FOR THE SUPPLY OF GOODS AND SERVICES) in return for the submission or is this for our information only for the time being?	No. It is for information only, but will be used as the basis of your contract if you are successful in winning the tender.
06	The specification refers to a survey of part of the buildings. However, the drawings appear to include all of the buildings (apart from a residential property to the east, a plant room and substation.) Can you confirm that all of the Council Offices on all floors are to be modelled and supplied as either a LOD300 or LOD400 Revit model?	All of the Council Offices on all floors are to be modelled and supplied as either a LOD300 or LOD400 Revit model (both options to be priced).
07	The previous clarification indicated that the topographical & utility survey should extend to include the full width of adjacent streets. Traffic management would be needed for the utility survey. As the junction of Wolverhampton Road and Histon Hill has traffic lights these would normally have to be replaced by a 4-way temporary system. Many councils charge to switch existing lights off and on. Can you confirm that South Staffordshire charge for this and if so, the daily charge (or would any charge be waived for this survey).	The highways authority is Staffordshire County Council. We cannot confirm their possible charges, but they can be contacted as follows:  Email: <a href="mailto:highways@staffordshire.gov.uk">highways@staffordshire.gov.uk</a> Phone: 0300 111 8000

08	Please clarify the extent of any survey information required above false ceilings. If this is required please confirm who is responsible for removal and replacement of any ceiling tiles. If ceiling tiles are to be removed please confirm that access for survey outside the normal working day will be possible.	Please price the LOD 300 and LOD 400 options as detailed in the tender documentation for the ceiling voids (see 4.6 Model LOD Table). The survey company will be responsible for replacing and removing the ceiling tiles. Access outside normal working hours will be available but a proposed timetable will need to be submitted in advance so we can schedule caretaker's availability.
09	We have clicked on this link and downloaded all the documents visible. <a href="https://www.contractsfinder.service.gov.uk/Notice/55f29e1f-4e44-499a-9fcd-0cfb0ef98cef?p=@UFQxbIRRP0=NjJNT08=">https://www.contractsfinder.service.gov.uk/Notice/55f29e1f-4e44-499a-9fcd-0cfb0ef98cef?p=@UFQxbIRRP0=NjJNT08=</a> We cannot see where the questions are to complete or the pricing schedule and how we need to respond.	Please refer to the following document in <b>ITT pack 01</b> for the survey requirements: 'CCH-KBS-XX-XX-SP-A-1000-ITTPointCloudTopoAndUndergroundServices Survey-D2-P03' There is no pricing schedule. Please email your own pricing document to the address given in the above.
10	Can you confirm that you require both a standard topographic survey, presented in 3D AutoCAD drawing format and also the topography information included in the Revit model for the building.	The topography information should be in 3D AutoCAD and Revit model formats. However, the Revit model of the topography should be separate from the building.
11	What is the expected arrangements for completing the survey inside the building. Based on the building being tenanted, I would assume the best way would be to complete outside of working hours, thus eliminating the issues caused by having people moving in the survey area when laser scanning. In an ideal situation we would complete areas not tenanted during the day as it would be cheaper to do this, but as we do not currently understand the logistics of this, it would not be possible to accurately budget for. Could you confirm whether the expectation is to complete the data collection outside of working hours.	Access outside normal working hours will be available but a proposed timetable will need to be submitted in advance so we can schedule caretaker's availability.
12	In regard to the underground utility survey could you confirm if a CCTV survey is required to understand the condition of the local drainage? CCTV is listed as a method of utility detection, but we would only bring this in if required, as we use other methods to locate drainage routes. CCTV would then be used if a visual survey were required.	A CCTV survey is not required (this will be undertaken under a separate appointment).
13	The scope lists Type B survey, which is no problem, but it would be helpful to understand the methodology required. In the required site environment, we would recommend a M2 methodology.	M2 methodology confirmed for the Utility Survey (ref. PAS 128).