

EDITION 1

<b>Table J1 Lines 1-6</b>	<b>Mains Laying</b>
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<b>STANDARD COST ASSUMPTIONS</b>	<b>Include in Standard Cost</b>	<b>Authority audit</b>	
<b>LABOUR AND PLANT</b>			
Crossings of all types	✓	✓	Included in rates at stated frequencies
Reinstatement costs (temporary and permanent)	✓	✓	First time permanent reinstatement
Granular fill in trench (Surface type categories 'b' & 'c' only)	✓	✓	Included
Disposal of excavated material to landfill tip 1km away	✓	✓	Not specified. Distance at the discretion of the contractors who are accepted as having selected the most cost efficient disposal sites.
Excavation	✓	✓	Included
As dug backfill (Surface type categories 'a' only)	✓	✓	Included
Pipe bedding and surround	✓	✓	Included
Minor service diversions	✓	X	Excluded
Traffic management (Surface type categories 'b' & 'c' only)	✓	✓	Included
NRSWA costs	✓	✓	Included in SW management costs
Advance costs – land	✓	✓	Included in SW management costs
Advance costs – wayleaves	✓	✓	Included in SW management costs
Landfill tax (Non contaminated material only)	✓	✓	Included
Uncharted services \ other underground obstructions	X	X	Excluded
Connections to trunk mains	X	X	Excluded
Proving and testing	✓	✓	Included
Temporary fencing (Surface type category 'a' only)	✓	✓	Included
Land drains (Surface type category 'a' only)	X	X	Excluded
Re-connection of services	X	X	Excluded
Fittings & fixtures (in accordance with Table 3)	✓	✓	Included

<b>MANAGEMENT COSTS</b>			
Project planning	✓	✓	Included
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	X	Excluded
Stores, overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	X	Excluded
Commissioning	✓	✓	Included
Tender\outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
or general adjustment	✓	X	Excluded.
Public meetings	x	X	Excluded
Customer communication	x	X	Excluded
Special inducements	x	X	Excluded
Effect of seasonal working	x	X	Excluded
Effect of limited working hours	x	X	Excluded

<b>Table J1 Lines 7-12</b>	<b>Mains Rehabilitation</b>
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<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>LABOUR AND PLANT</b>			
Crossings of all types	✓	X	Excluded. Not required for pipe bursting
Reinstatement costs (to match the existing surface)	✓	✓	Included
Excavation and backfill	✓	✓	Included
Disposal of excavated material to landfill tip 1km away	✓	✓	Included
Traffic management	✓	✓	Included
NRSWA costs	✓	X	Included in SW management costs
Advance costs – wayleaves	✓	✓	Included in SW management costs
Landfill tax (Non contaminated material only)	✓	✓	Included
Connections to trunk mains (temporary and permanent)	✓	✓	Included
Proving and testing	✓	✓	Included
Re-connection of services	X	X	Excluded
Fittings & fixtures (in accordance with Table 3)	✓	✓	Included
Protective sleeve (in pipe bursting)	X	X	Excluded
<b>MANAGEMENT COSTS</b>			
Project planning	✓	✓	Included
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	X	X	Excluded
Stores, overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	X	X	Excluded
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
or general adjustment	✓	X	Excluded.
Public meetings	X	X	Excluded
Customer communication	X	X	Excluded

<b>MANAGEMENT COSTS (Cont'd)</b>			
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J1 Lines 13-14</b>	<b>Communication Pipes</b>
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<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>LABOUR AND PLANT</b>			
Crossings of all types	✓	✓	Included
Reinstatement costs (renew only - to match the existing surface)	✓	✓	Included
Excavation and backfill	✓	✓	Included
Disposal of excavated material to landfill tip 1km away (renew only)	✓	✓	Not specified. Distance at the discretion of the contractors who are accepted as having selected the most cost efficient disposal sites.
Traffic management (renew only)	✓	✓	Included
NRSWA costs (renew only)	✓	✓	Included in SW management costs
Landfill tax (Non contaminated material only)	✓	✓	Included
Connections to trunk mains (temporary and permanent)	x	x	Excluded
Boundary box	✓	✓	Included
Water sampling	x	x	Excluded
Re-connection of services	✓	✓	Included
Fittings & fixtures (ferrule and stop tap)	✓	✓	Included for ferrule; stop taps only used on communal service pipes.
<b>MANAGEMENT COSTS</b>			
Project planning	✓	✓	Included
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	x	Excluded
Stores, overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	x	Excluded
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections) or general adjustment	✓	x	Excluded. Tender/outturn margin and Contingencies priced separately.
Public meetings	x	x	Excluded
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J3 Lines 1-6</b>	<b>Sewer Laying</b>
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<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>LABOUR AND PLANT</b>			
Crossings of all types	✓	✓	Included in rates at stated frequencies
Reinstatement costs (temporary and permanent)	✓	✓	Included
Granular fill in trench (Surface type categories 'b' & 'c' only)	✓	✓	Included
Disposal of excavated material to landfill tip 1km away	✓	✓	Not specified. Distance at the discretion of the contractors who are accepted as having selected the most cost efficient disposal sites.
Excavation	✓	✓	Included
As dug backfill (Surface type category 'a' only)	✓	✓	Included
Pipe bedding and surround	✓	✓	Included
Minor service diversions	✓	✓	Excluded
Traffic management (Surface type categories 'b' & 'c' only)	✓	✓	Included
NRSWA costs	✓	✓	Included in SW management costs
Advance costs – land	✓	✓	Included in SW management costs
Advance costs – wayleaves	✓	✓	Included in SW management costs
Landfill tax (Non contaminated material only)	✓	✓	Included
Uncharted services \ other underground obstructions	x	x	Excluded
Disconnection and re-connection of laterals	x	x	Excluded
Proving and testing	✓	✓	Included
Temporary fencing (Surface type category 'a' only)	✓	✓	Included in Term Contracts and in General Items in Projects
Land drains (Surface type category 'a' only)	x	x	Excluded
Overpumping	x	x	Excluded
Cleaning by jetting only	✓	x	Excluded; cleaning of new sewers is not required
CCTV inspection before and after installation	✓	x	Before not possible; included after installation in MTC's only
<b>MANAGEMENT COSTS</b>			
Project planning	✓	✓	Included
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	x	Excluded

<b>MANAGEMENT COSTS (Cont'd)</b>			
Stores, overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	x	Excluded
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as percentage
Contingencies (same as normal levels assumed in authorities' investment projections) or general adjustment	✓	✓	Included in Outturn Factor
Public meetings	x	x	Excluded
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J3 Lines 7-12</b>	<b>Sewer Rehabilitation</b>
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<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>LABOUR AND PLANT</b>			
Crossings of all types	✓	x	Excluded; not applicable to this type of work
Reinstatement costs (to match the existing surface)	✓	x	Excluded; not applicable to this type of work
Excavation and backfill	✓	x	Excluded; not applicable to this type of work
Disposal of excavated material to landfill tip 1km away	✓	x	Excluded; not applicable to this type of work
Traffic management	✓	✓	Included
NRSWA costs	✓	✓	Included in SW management costs
Advance costs – wayleaves	✓	✓	Included in SW management costs
Landfill tax (Non contaminated material only)	✓	x	Excluded; not applicable to this type of work
Proving and Testing	✓	✓	Included
Opening and remaking of lateral connections	✓	✓	Included
Laterals and manhole spacing in accordance with specification	✓	✓	Included
Protective sleeve (in pipe bursting)	x	x	Excluded; no submission for pipe bursting
Work required at entry points	x	x	Excluded
Manhole Repairs	x	x	Excluded
Cleaning by jetting only	✓	✓	Included
CCTV inspection before and after installation	✓	✓	Included
Repair and re-rounding	x	x	Excluded
Overpumping	✓	✓	Included
<b>MANAGEMENT COSTS</b>			
Project planning	✓	✓	Included
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	x	Excluded
Stores, overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	x	Excluded
Commissioning	✓	✓	Included
Tender\outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
or general adjustment	✓	x	Excluded
Public meetings	x	x	Excluded

<b>MANAGEMENT COSTS (Cont'd)</b>			
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

**Used in Ofwat Submission G but not K, and is considered relevant for Scotland**

**Table J5 Line 1** | **New treatment works (type SW1) 12MI/d**

<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>PROCESS</b>			
Insert main stages			
Filtration	✓	✓	Included
Chlorination	✓	✓	Included
pH Adjustment	✓	✓	Included
<b>ELECTRICAL EQUIPMENT</b>			
Motor Control Centres including incomer/isolator/local distribution.	✓	✓	Included
Power, control, instrument cabling.	✓	✓	Included
Instruments (level, flow, pressure, water quality, etc)	✓	✓	Included
Control Panels (including local control PLC, works PLC, works SCADA)	✓	✓	Included
Telemetry outstation equipment	✓	✓	Included
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).	X	X	Excluded
Standby generators and associated switchgear.	✓	✓	Included
<b>BUILDINGS</b>			
Administration and control building	✓	✓	Included
Building over flocculator units (if applicable)	✓	X	Not applicable
Building over flotation units (if applicable)	✓	X	Not applicable
Filter building including upper filter gallery	✓	✓	Included
Chemical storage and dosing building	✓	✓	Included
Dirty backwash water return pump building	✓	✓	Included
<b>MANAGEMENT COSTS</b>			
Project planning	✓	✓	Included
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in outturn factor
Compensation	X	X	Excluded
Stores, overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	X	X	Excluded
Commissioning	✓	✓	Excluded

**Table J5 Line 1 (Cont'd) New treatment works (type SW1) 12MI/d (continued)**

Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage	
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor	
or general adjustment	✓	X	Extended	
Public meetings	X	X	Excluded	
Customer communication	X	X	Excluded	
Special inducements	X	X	Excluded	
Effect of seasonal working	X	X	Excluded	
Effect of limited working hours	X	X	Excluded	

**Used in Ofwat Submission G but not K, and is considered relevant for Scotland**

**Table J5 Line 2** | **New treatment works (type SW1) 5MI/d**

<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>PROCESS</b>			
insert main stages			
Filtration	✓	✓	Included
Chlorination	✓	✓	Included
<b>ELECTRICAL EQUIPMENT</b>			
Motor Control Centres including incomer/isolator/local distribution.	✓	✓	Included
Power, control, instrument cabling.	✓	✓	Included
Instruments (level, flow, pressure, water quality, etc)	✓	✓	Included
Control Panels (including local control PLC, works PLC, works SCADA)	✓	✓	Included
Telemetry outstation equipment	✓	✓	Included
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).	X	X	Excluded
Standby generators and associated switchgear.	✓	✓	Included
<b>BUILDINGS</b>			
Administration and control building	✓	✓	Included
Building over flocculator units (if applicable)	✓	X	Not applicable
Building over flotation units (if applicable)	✓	X	Not applicable
Filter building including upper filter gallery	✓	✓	Included
Chemical storage and dosing building	✓	✓	Included
Dirty backwash water return pump building	✓	✓	Included
<b>MANAGEMENT COSTS</b>			
Project planning	✓	✓	Included
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	X	X	Excluded
Stores, overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	X	X	Excluded
Commissioning	✓	✓	Included

**Table J5 Line 2 (Cont'd) New treatment works (type SW1) 5MI/d (continued)**

Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage	
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor	
or general adjustment	✓	X	Excluded	
Public meetings	X	X	Excluded	
Customer communication	X	X	Excluded	
Special inducements	X	X	Excluded	
Effect of seasonal working	X	X	Excluded	
Effect of limited working hours	X	X	Excluded	

<b>Table J5 Line 3</b>	<b>New treatment works (type SW2) 30MI/d</b>
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<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>PROCESS</b>			
Insert main stages			
<b>ELECTRICAL EQUIPMENT</b>			
Motor Control Centres including incomer/isolator/local distribution.	✓	✓	Included
Power, control, instrument cabling.	✓	✓	Included
Instruments (level, flow, pressure, water quality, etc)	✓	✓	Included
Control Panels (including local control PLC, works PLC, works SCADA)	✓	✓	Included
Telemetry outstation equipment	✓	✓	Included
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).	x	X	Excluded
Standby generators and associated switchgear.	✓	✓	Included
<b>BUILDINGS</b>			
Administration and control building	✓	✓	Included
Building over flocculator units (if applicable)	✓	X	Not applicable
Building over flotation units (if applicable)	✓	X	Not applicable
Filter building including upper filter gallery	✓	✓	Included
Chemical storage and dosing building	✓	✓	Included
Dirty backwash water return pump building	✓	✓	Included
<b>MANAGEMENT COSTS</b>			
Project planning	✓	✓	Included
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	X	Excluded
Stores, overheads (Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)	x	X	Excluded
Commissioning	✓	✓	Included

**Table J5 Line 3 (Cont'd) New treatment works (type SW2) 30MI/d (continued)**

Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage	
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor	
or general adjustment	✓	X	Excluded	
Public meetings	x	X	Excluded	
Customer communication	x	X	Excluded	
Special inducements	x	X	Excluded	
Effect of seasonal working	x	X	Excluded	
Effect of limited working hours	x	X	Excluded	

<b>Table J5 Line 4</b>	<b>New filtration system at existing treatment works (type SW2) 10MI/d</b>
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**A new item for a smaller sized line 5 as considered relevant to Scotland**

<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>PROCESS</b>			
insert main stages			
<b>ELECTRICAL EQUIPMENT</b>			
Motor Control Centres including incomer/isolator/local distribution.	✓	✓	Included
Power, control, instrument cabling.	✓	✓	Included
Instruments (level, flow, pressure, water quality, etc)	✓	✓	Included
Control Panels (including local control PLC, works PLC, works SCADA)	✓	✓	Included
Telemetry outstation equipment	✓	✓	Included
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).	✓	X	Excluded
Standby generators and associated switchgear.	X	✓	Included
<b>BUILDINGS</b>			
Filter building (pump and blower room, switchgear room) including upper filter gallery	✓	✓	Included
<b>MANAGEMENT COSTS</b>		X	Not applicable
Project planning	✓	X	Not applicable
Project design and supervision \ Project management	✓	✓	Included
Project quality audit	✓	✓	Included
Contractual claims	✓	✓	Included
Compensation	X		
Stores, overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	X	✓	Included
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
Public meetings	X	X	Excluded
Customer communication	X	X	Excluded
Special inducements	X	✓	Included
Effect of seasonal working	X	X	Excluded
Effect of limited working hours	X	X	Excluded



**Table J5 Lines 6 and 7    New service reservoir 4MI and 15MI**

<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>LABOUR AND PLANT</b>			
Two compartment tank	✓	✓	Included
Roof membrane	✓	✓	Included
Disinfection on completion	✓	✓	Included
Water test	✓	✓	Included
Emptying and re-filling	✓	✓	Included
Pipework and interconnecting pipework	✓	✓	Included
Valves	✓	✓	Included
Access covers	✓	✓	Included
Ladders	✓	✓	Included
<b>ELECTRICAL</b>			
Flow	x	x	<b>Excluded</b>
Level	✓	✓	Included
Water quality	✓	✓	Included
Telemetry	✓	✓	Included
<b>BUILDINGS</b>			
Valve house	x	x	Excluded
Building for ICA equipment	✓	✓	Included
<b>MANAGEMENT COSTS</b>			
Planning	✓	✓	Included
Design and supervision	✓	✓	Included
Quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	x	Excluded
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	x	Excluded
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
<b>or general adjustment</b>	✓	x	Excluded
Public meetings	x	x	Excluded
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J5 Line 8</b>	<b>Refurbishment of service reservoir 6MI</b>
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<b>STANDARD COST ASSUMPTIONS</b>	<b>Include in Standard Cost</b>	<b>Authority audit</b>	
<b>LABOUR AND PLANT</b>			
Sample tap	x	x	Excluded
Disinfection on completion	✓	✓	Included
Remedial work	✓	✓	Included
Cracks in roof (combifex)	✓	✓	Included
Construction joints in floor and walls	✓	✓	Included
Defective concrete	✓	✓	Included
Rendering	✓	✓	Included
Roof vents (sealed)	✓	✓	Included
Access covers	✓	✓	Included
New roof membrane	✓	✓	Included
Roof drainage system	✓	✓	Included
Internal ladders	✓	✓	Included
Water test	x	x	Excluded
Emptying and refilling	x	x	Excluded
Excavated material stored on site	✓	✓	Included
Replace excavated material and re-grassing	✓	✓	Included
Paint external corroded pipework	✓	✓	Included
<b>MANAGEMENT COSTS</b>			
Planning	✓	✓	Included
Design and supervision	✓	✓	Included
Quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	x	Excluded
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	x	Excluded
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
<b>Or general adjustment</b>	✓	x	Excluded
Public meetings	x	x	Excluded
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J5 Line 9</b>		<b>Variable speed pumps 1-3Ml/d</b>	
<b>A new item for a smaller sized line 10 as considered relevant to Scotland</b>			
<b>STANDARD COST ASSUMPTIONS</b>		Include in Standard Cost	Authority audit
<b>LABOUR AND PLANT</b>			
Remove existing pumps & shafts (2No.), supply new		✓	
Remove existing motors (2No.), supply new		✓	
Remove suction valves \ delivery valves		X	
Remove existing non return valves, supply new		✓	
Remove existing pipework , supply new (make up pieces between pump suction and delivery and adjacent valves)		✓	
Preparation of Plinths		✓	
<b>ELECTRICAL</b>			
Disconnect and reconnection of power cables		✓	
Removal of existing ICA panel, supply new		✓	
Removal of existing PLC (hardware and software), supply new		✓	
Removal of existing instrumentation, supply new		✓	
Removal of existing telemetry, supply new		✓	
Cabling for control instrumentation and local telemetry (incl. traywork, ducting, clipping and testing)		✓	
Reconnect telemetry to network		X	
Building services		X	
Standby generation and associated switchgear		x	
<b>MANAGEMENT COSTS</b>			
Planning		✓	
Design and supervision		✓	
Quality audit		✓	
Contractual claims		✓	
Compensation		x	
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>		x	
Commissioning		✓	
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)		✓	
Contingencies (same as normal levels assumed in authorities' investment projections)		✓	
Or general adjustment		✓	
Public meetings		x	
Customer communication		x	
Special inducements		x	
Effect of seasonal working		x	
Effect of limited working hours		x	

<b>Table J5 Line 10</b>	<b>Variable speed pumps 6-9Ml/d</b>
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<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit
<b>LABOUR AND PLANT</b>		
Remove existing pumps & shafts (2No.), supply new	✓	
Remove existing motors (2No.), supply new	✓	
Remove suction valves \ delivery valves	X	
Remove existing non return valves, supply new	✓	
Remove existing pipework , supply new (make up pieces between pump suction and delivery and adjacent valves)	✓	
Preparation of Plinths	✓	
<b>ELECTRICAL</b>		
Disconnect and reconnection of power cables	✓	
Removal of existing ICA panel, supply new	✓	
Removal of existing PLC (hardware and software), supply new	✓	
Removal of existing instrumentation, supply new	✓	
Removal of existing telemetry, supply new	✓	
Cabling for control instrumentation and local telemetry (incl. traywork, ducting, clipping and testing)	✓	
Reconnect telemetry to network	X	
Building services	X	
Standby generation and associated switchgear	x	
<b>MANAGEMENT COSTS</b>		
Planning	✓	
Design and supervision	✓	
Quality audit	✓	
Contractual claims	✓	
Compensation	x	
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	
Commissioning	✓	
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	
Or general adjustment	✓	
Public meetings	x	
Customer communication	x	
Special inducements	x	
Effect of seasonal working	x	
Effect of limited working hours	x	

<b>Table J5 Line 11</b>	<b>Variable speed pump motors 30MI/d</b>
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<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit
<b>LABOUR AND PLANT</b>		
<b>Mechanical Equipment</b>		
Remove existing Variable speed motors (3No.), supply new	✓	
<b>Electrical Equipment</b>		
Disconnect and reconnect power cables (3No.)	✓	
<b>MANAGEMENT COSTS</b>		
Planning	✓	
Design and supervision	✓	
Quality audit	✓	
Contractual claims	✓	
Compensation	x	
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	
Commissioning	✓	
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	
<b>Or general adjustment</b>	✓	
Public meetings	x	
Customer communication	x	
Special inducements	x	
Effect of seasonal working	x	
Effect of limited working hours	x	

**DELETED BOREHOLE PUMPS AS CONSIDERED NOT LIKELY TO BE REQUIRED IN SIGNIFICANT NUMBERS TO BE REFLECTIVE OF CAPITAL PROGRAMME.**

<b>Table J5 Lines 10 and 11</b>		<b>New fixed speed pumpset 30MI/d</b>	
<b>STANDARD COST ASSUMPTIONS</b>		Include in Standard Cost	Authority audit
<b>LABOUR AND PLANT – (Mechanical equipment)</b>			
Remove blank flanges (on existing isolating valves (2No.))		✓	
Supply new pump set inclusive of pump, motor, & baseplate (1No.) & install		✓	
New pipework (make up pieces between pump suction and delivery and adjacent valves) including new bolt sets and gaskets		✓	
Supply new non-return valve		✓	
<b>ELECTRICAL</b>			
Disconnect and reconnection of power cables		✓	
Removal of existing ICA panel, supply new		✓	
Removal of existing PLC (hardware and software), supply new		✓	
Removal of existing instrumentation, supply new		✓	
Removal of existing telemetry, supply new		✓	
Cabling for control instrumentation and local telemetry (incl. traywork, ducting, clipping and testing)		✓	
Reconnect telemetry to network		X	
Building services		X	
Standby generation and associated switchgear		X	
New Starter		X	
<b>MANAGEMENT COSTS</b>			
Planning		✓	
Design and supervision		✓	
Quality audit		✓	
Contractual claims		✓	
Compensation		X	
Stores overheads (Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)		X	
Commissioning		✓	
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)		✓	
Contingencies (same as normal levels assumed in authorities' investment projections)		✓	
<b>Or general adjustment</b>		✓	
Public meetings		X	
Customer communication		X	
Special inducements		X	
Effect of seasonal working		X	
Effect of limited working hours		X	

**This item was used in Ofwat Submission G but not K, but maybe relevant to Scotland**

Table J5 Line 12	Extension to office accommodation
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STANDARD COST ASSUMPTIONS	Include in Standard Cost	Authority audit
<b>LABOUR AND PLANT</b>		
<b>SPECIFIC REQUIREMENTS TO BE DEVELOPED IF THIS ITEM IS USED</b>		
<b>MANAGEMENT COSTS</b>		
Planning	✓	
Design and supervision	✓	
Quality audit	✓	
Contractual claims	✓	
Compensation	X	
Stores overheads (Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)	X	
Commissioning	✓	
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	
<b>Or general adjustment</b>	✓	
Public meetings	X	
Customer communication	X	
Special inducements	X	
Effect of seasonal working	X	
Effect of limited working hours	X	

**This item was used in Ofwat Submission G but not K, but maybe relevant to Scotland**

<b>Table J5 Line 13</b>	<b>Satellite stations and transmission station</b>
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<b>STANDARD COST ASSUMPTIONS</b>	<b>Include in Standard Cost</b>	<b>Authority audit</b>
<b>LABOUR AND PLANT</b>		
<b>SPECIFIC REQUIREMENTS TO BE DEVELOPED IF THIS ITEM IS USED</b>		
<b>MANAGEMENT COSTS</b>		
Planning	✓	
Design and supervision	✓	
Quality audit	✓	
Contractual claims	✓	
Compensation	x	
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	
Commissioning	✓	
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	
<b>Or general adjustment</b>	✓	
Public meetings	x	
Customer communication	x	
Special inducements	x	
Effect of seasonal working	x	
Effect of limited working hours	x	

<b>Table J6 Line 1</b>		<b>Storage tank to combined sewer overflow 750m<sup>3</sup></b>	
<b>STANDARD COST ASSUMPTIONS</b>		Include in Standard Cost	Authority audit
<b>LABOUR AND PLANT</b>			
Re-use of excavated material on site	✓	✓	Included
Geo-technical investigations	✓	✓	Included
Temporary pumping	X	x	Excluded
Kiosk base slab	✓	✓	Included
Open topped bolted segmented shaft	✓	✓	Included
Allowance for uplift	X	x	Excluded
Inlet/outlet chambers	✓	✓	Included
Battered excavation	✓	✓	Included
Transfer pumps and circulating pump	✓	✓	Included
Circulating mixer	X	x	Excluded
Access ladders	✓	✓	Included
Access covers	✓	✓	Included
Vents	✓	✓	Included
Guard rails	X	x	Excluded
Vacuum flushing system	X	x	Excluded
Interconnecting pipework and connection to sewer (in and out)	✓	✓	Included
<b>BUILDINGS</b>			
Kiosk	✓	✓	Included
<b>ELECTRICAL</b>			
Motor control centres	✓	✓	Included
Cabling	✓	✓	Included
ICA	✓	✓	Included
Telemetry	✓	✓	Included
Building services	x	x	Excluded
<b>MANAGEMENT COSTS</b>			
Planning	✓	✓	Included
Design and supervision	✓	✓	Included
Quality audit	✓	✓	Included
Contractual claims	✓	✓	Included
Compensation	x	x	Excluded
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	x	Excluded
Commissioning	✓		Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓		Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓		Included in Outturn Factor
<b>Or general adjustment</b>	✓	x	Excluded
Public meetings	x	x	Excluded
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J6 Lines 2 to 4</b>	<b>Replacement pumps and motors 12-100kW</b>
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<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>LABOUR AND PLANT</b>			
Removal of existing pumps and motors, supply new	✓	✓	Included
Removal of suction valves\ delivery valves	X		
Removal of non return valves, supply new	✓	✓	Included
Removal of existing pipework, supply new <b>(make up pieces between pump suction and delivery and adjacent valves)</b>	✓	✓	Included
Preparation of plinths	✓	✓	Included
<b>ELECTRICAL</b>			
Disconnect and reconnection of power cables	✓	✓	Included
Removal of existing ICA panel, supply new	✓	✓	Included
Removal of existing PLC (hardware and software), supply new	✓	✓	Included
Removal of existing instrumentation, supply new	✓	✓	Included
Removal of existing telemetry, supply new	✓	✓	Included
Cabling for control instrumentation and local telemetry (incl. traywork, ducting, clipping and testing)	✓	✓	Included
Reconnect telemetry to network	X	X	Excluded
Building services	X	X	Excluded
Standby generation and associated switchgear	X	X	Excluded
<b>MANAGEMENT COSTS</b>			
Planning	✓	✓	Included
Design and supervision	✓	✓	Included
Quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	X	X	Excluded
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	X	X	Excluded
Commissioning	✓	✓	Included
Tender\outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
Or general adjustment	✓	X	Excluded
Public meetings	X	X	Excluded
Customer communication	X	X	Excluded
Special inducements	X	X	Excluded
Effect of seasonal working	X	X	Excluded
Effect of limited working hours	X	X	Excluded

<b>Table J6 Line 5</b>	<b>Primary treatment works p.e 10,000</b>
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<b>STANDARD COST ASSUMPTIONS</b>	<b>Include in Standard Cost</b>	<b>Authority audit</b>	
<b>PROCESS</b>			
<b>Process Design to meet consent standard specified</b>	✓	✓	Included
Insert main process assumptions			
Preliminary Treatment (Incl. Storm Storage and Return)	✓	✓	Included
Primary Treatment	✓	✓	Included
Flow measurement	✓	✓	Included
Sludge storage	✓	✓	Included
Odour control	✓	✓	Included
Interconnecting pipework and valves	✓	✓	Included
<b>ELECTRICAL EQUIPMENT</b>			
Motor Control Centres including incomer/isolator/local distribution.	✓	✓	Included
Power, control, instrument cabling.	✓	✓	Included
Instruments (level, flow, pressure, water quality, etc)	✓	✓	Included
Control Panels (including local control PLC, works PLC, works SCADA)	✓	✓	Included
Telemetry outstation equipment	✓	✓	Included
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).	✓		Included
Standby generators and associated switchgear.	x	x	Excluded
<b>BULDINGS</b>			
Switchgear building/kiosk	✓	✓	Included
Administration and control building	✓	✓	Included
Blower building (if applicable)	x	x	Excluded
<b>MANAGEMENT COSTS</b>			
Planning	✓	✓	Included
Design and supervision	✓	✓	Included
Quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	x	Excluded
Stores overheads (Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)	x	x	Excluded
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
<b>Or general adjustment</b>	✓	x	Excluded
Public meetings	x	x	Excluded

<b>MANAGEMENT COSTS (Cont'd)</b>			
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J6 Lines 6 and 7</b>		<b>Additional secondary treatment works</b>	
<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit	
<b>PROCESS</b>			
<b>Process Design to meet consent standard specified</b>	✓	✓	Included
Insert main process assumptions			
Biological Treatment		✓	Included
Secondary Settlement		✓	Included
Sludge storage	✓	✓	Included
Odour control	✓	✓	Included
Interconnecting pipework and valves	✓	✓	Included
<b>ELECTRICAL EQUIPMENT</b>			
Motor Control Centres including incomer/isolator/local distribution.	✓	✓	Included
Power, control, instrument cabling.	✓	✓	Included
Instruments (level, flow, pressure, water quality, etc)	✓	✓	Included
Control Panels (including local control PLC, works PLC, works SCADA)	✓	✓	Included
Telemetry outstation equipment	✓	✓	Included
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).	✓		
Standby generators and associated switchgear.	x	x	Excluded
<b>BUILDINGS</b>			
Switchgear building/kiosk	✓	✓	Included
Administration and control building	x	x	Excluded
Blower building (if applicable)	x	x	Excluded
<b>MANAGEMENT COSTS</b>			
Planning	✓	✓	Included
Design and supervision	✓	✓	Included
Quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	x	Excluded
Stores overheads (Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)	x	x	Excluded
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
<b>or general adjustment</b>	✓	x	Excluded.
Public meetings	x	x	Excluded
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J6 Lines 8 and 9</b>		<b>New Secondary treatment works</b>	
<b>STANDARD COST ASSUMPTIONS</b>		<b>Include in Standard Cost</b>	<b>Authority audit</b>
<b>PROCESS</b>			
<b>Process Design to meet consent standard specified</b>		✓	✓
Preliminary treatment		✓	✓
Primary treatment		✓	✓
Biological Treatment		✓	✓
Secondary Settlement		✓	✓
Storm tanks		✓	✓
Flow measurement		✓	✓
Sludge storage		✓	✓
Odour control		✓	✓
Interconnecting pipework and valves		✓	✓
<b>ELECTRICAL EQUIPMENT</b>			
Motor Control Centres including incomer/isolator/local distribution.		✓	✓
Power, control, instrument cabling.		✓	✓
Instruments (level, flow, pressure, water quality, etc)		✓	✓
Control Panels (including local control PLC, works PLC, works SCADA)		✓	✓
Telemetry outstation equipment		✓	✓
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).		✓	✓
Standby generators and associated switchgear.		X	x
<b>BUILDINGS</b>			
Switchgear building/kiosk		✓	✓
Administration and control building		✓	✓
Blower building (if applicable)		✓	x
<b>MANAGEMENT COSTS</b>			
Planning		✓	✓
Design and supervision		✓	✓
Quality audit		✓	✓
Contractual claims		✓	✓
Compensation		X	x
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>		X	x
Commissioning		✓	✓
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)		✓	✓
Contingencies (same as normal levels assumed in authorities' investment projections)		✓	✓
<b>Or general adjustment</b>		✓	x
Public meetings		X	x
Customer communication		X	x
Special inducements		X	x
Effect of seasonal working		X	x
Effect of limited working hours		X	x

<b>Table J6 Line 10</b>		<b>Preliminary treatment works</b>	
<b>STANDARD COST ASSUMPTIONS</b>		Include in Standard Cost	Authority audit
<b>PROCESS</b>			
<b>Process Design to meet consent standard specified</b>		✓	✓
insert main process assumptions			
Preliminary treatment		✓	✓
Flow measurement		✓	✓
Odour control		✓	✓
Interconnecting pipework and valves		✓	✓
<b>Electrical Equipment</b>			
Motor Control Centres including incomer/isolator/local distribution.		✓	✓
Power, control, instrument cabling.		✓	✓
Instruments (level, flow, pressure, water quality, etc)		✓	✓
Control Panels (including local control PLC, works PLC, works SCADA)		✓	✓
Telemetry outstation equipment		✓	✓
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).		✓	✓
Standby generators and associated switchgear.		x	x
<b>Buildings</b>			
Switchgear building/kiosk		✓	✓
Administration and control building (if applicable)		x	x
Blower building (if applicable)		x	x
<b>MANAGEMENT COSTS</b>			
Planning		✓	✓
Design and supervision		✓	✓
Quality audit		✓	✓
Contractual claims		✓	✓
Compensation		x	x
Stores overheads (Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)		x	x
Commissioning		✓	✓
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)		✓	✓
Contingencies (same as normal levels assumed in authorities' investment projections)		✓	✓
<b>Or general adjustment</b>		✓	x
Public meetings		x	x
Customer communication		x	x
Special inducements		x	x
Effect of seasonal working		x	x
Effect of limited working hours		x	x

Table J6 Line 11

## First time rural sewage works

STANDARD COST ASSUMPTIONS	Include in Standard Cost	Authority audit	
<b>PROCESS</b>			
<b>Process Design to meet consent standard specified</b>	✓	✓	Included
Insert main stages			
Preliminary treatment	✓	✓	Included
Primary Treatment	✓	✓	Included
Biological treatment	✓	✓	Included
Tertiary treatment	✓	✓	Included
<b>Electrical Equipment</b>			
Motor Control Centres including incomer/isolator/local distribution.	✓	✓	Included
Power, control, instrument cabling.	✓	✓	Included
Instruments (level, flow, pressure, water quality, etc)	✓	✓	Included
Control Panels (including local control PLC, works PLC, works SCADA)	✓	✓	Included
Telemetry outstation equipment	✓	✓	Included
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).	x	x	Excluded
Standby generators and associated switchgear.	x	x	Excluded
<b>BULDINGS</b>			
Switchgear building/kiosk	✓	✓	Included
<b>MANAGEMENT COSTS</b>			
Planning	✓	✓	Included
Design and supervision	✓	✓	Included
Quality audit	✓	✓	Included
Contractual claims	✓	✓	Included in Outturn Factor
Compensation	x	x	Excluded
Stores overheads (Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)	x	x	Excluded
Commissioning	✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	✓	Included in Outturn Factor
<b>Or general adjustment</b>	✓	x	Excluded
Public meetings	x	x	Excluded
Customer communication	x	x	Excluded
Special inducements	x	x	Excluded
Effect of seasonal working	x	x	Excluded
Effect of limited working hours	x	x	Excluded

<b>Table J6 Lines 12 to14</b>		<b>Nutrient removal</b>		
<b>STANDARD COST ASSUMPTIONS</b>		<b>Include in Standard Cost</b>	<b>Authority audit</b>	
<b>PROCESS</b>				
<b>Process Design to meet consent standard specified</b>		✓		
Insert main stages				
Nutrient removal/Ammonia removal		✓	✓	Included
Additional sludge treatment		✓	✓	Included
Flow measurement		✓	✓	Included
Interconnecting pipework and valves		✓	✓	Included
<b>ELECTRICAL EQUIPMENT</b>				
Motor Control Centres including incomer/isolator/local distribution.		✓	✓	Included
Power, control, instrument cabling.		✓	✓	Included
Instruments (level, flow, pressure, water quality, etc)		✓	✓	Included
Control Panels (including local control PLC, works PLC, works SCADA)		✓	✓	Included
Telemetry outstation equipment		✓	✓	Included
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).		✓	✓	Included
Standby generators and associated switchgear.		x	x	Excluded
<b>BUILDINGS</b>				
Switchgear building/kiosk		✓	✓	Included
Administration and control building		x	x	Excluded
Blower building (if applicable)		x	x	Not applicable
<b>MANAGEMENT COSTS</b>				
Planning		✓	✓	Included
Design and supervision		✓	✓	Included
Quality audit		✓	✓	Included
Contractual claims		✓	✓	Included in Outturn Factor
Compensation		x	x	Excluded
Stores overheads (Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)		x	x	Excluded
Commissioning		✓	✓	Included
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)		✓	✓	Included as a percentage
Contingencies (same as normal levels assumed in authorities' investment projections)		✓	✓	Included in Outturn Factor
<b>Or general adjustment</b>		✓	x	Excluded
Public meetings		x	x	Excluded
Customer communication		x	x	Excluded
Special inducements		x	x	Excluded
Effect of seasonal working		X	x	Excluded
Effect of limited working hours		X	x	Excluded

<b>Table J6 Lines 15 and 16   UV treatment works</b>		
<b>STANDARD COST ASSUMPTIONS</b>	Include in Standard Cost	Authority audit
<b>PROCESS</b>		
<b>Process Design to meet consent standard specified</b>	✓	
Insert main stages		
<b>ELECTRICAL EQUIPMENT</b>		
Motor Control Centres including incomer/isolator/local distribution.	✓	
Power, control, instrument cabling.	✓	
Instruments (level, flow, pressure, water quality, etc)	✓	
Control Panels (including local control PLC, works PLC, works SCADA)	✓	
Telemetry outstation equipment	✓	
Building Services (Lighting, power, heating, ventilation, telephones, intruder and fire alarm, and entry control and surveillance).	✓	
Standby generators and associated switchgear.	x	
<b>BUILDINGS</b>		
Switchgear building/kiosk	✓	
Administration and control building	x	
Blower building	x	
<b>MANAGEMENT COSTS</b>		
Planning	✓	
Design and supervision	✓	
Quality audit	✓	
Contractual claims	✓	
Compensation	x	
Stores overheads <b>(Do not know if authorities supply Free Issue Materials or whether they can identify stores cost separately in order to exclude)</b>	x	
Commissioning	✓	
Tender/outturn margin (same as normal levels assumed in authorities' investment projections)	✓	
Contingencies (same as normal levels assumed in authorities' investment projections)	✓	
<b>Or general adjustment</b>	✓	
Public meetings	x	
Customer communication	x	
Special inducements	x	
Effect of seasonal working	x	
Effect of limited working hours	x	