

| Item ID           | Item Description                                                                                                                                                                                                                                                            | Unit | Quantity | Rate (€) | Amount(€) |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------|-----------|
|                   | <b>Class A: General Items</b>                                                                                                                                                                                                                                               |      |          |          |           |
| A110.0            | Performance bond in accordance with suitability assessment questionnaire                                                                                                                                                                                                    | sum  |          |          |           |
| A120.1            | a) Public Liability Insurance in accordance with the suitability assessment questionnaire. The policy shall cover the role of Project Supervisor Construction Stage. (Note: Insurance to include Clare Co. Council as co-insured and shall include a non-vitiation clause). | sum  |          |          |           |
| A120.2            | b) Employers Liability Insurance in accordance with Section 3.3g of the Suitability Assessment Questionnaire.                                                                                                                                                               | sum  |          |          |           |
| A120.3            | c) Contractors All Risk (CAR) Insurance for full contract value plus 10%. (Note: Insurance to include Clare Co. Council as co-insured and shall include a non-vitiation clause).                                                                                            | sum  |          |          |           |
| A140.1            | Provide for compliance with requirements of Safety, Health and Welfare at Work (Construction) Regulations 2013.                                                                                                                                                             | sum  |          |          |           |
| A140.2            | Provide for Services of Project Supervisor for the Construction Stage pursuant to the Safety, Health and Welfare at Work (Construction) Regulations 2013, S.I. 291 of 2013 ("the Regulations").                                                                             | sum  |          |          |           |
| A140.3            | Include for obligations in relation to Temporary Works and delivery of Safety File including all Operation & Maintenance Manuals on completion of Project as specified in the Works Specification.                                                                          | sum  |          |          |           |
| A140.4            | Include for and specify below any other items considered necessary for the completion of the work as specified in the tender drawings and specifications.                                                                                                                   | sum  |          |          |           |
| Forward to page 2 |                                                                                                                                                                                                                                                                             |      |          |          |           |

| Item ID           | Item Description                                                                                                                                                                                                                                               | Unit | Quantity | Rate (€) | Amount(€) |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------|-----------|
|                   | From page 1                                                                                                                                                                                                                                                    |      |          |          |           |
| A140.5            | Provision of Traffic Management Safety Plan as per preliminary health and safety plan and requirements of 'Safety Health and Welfare at Work (Construction) Regulations 2013.                                                                                  | sum  |          |          |           |
| A271.1            | Establishment and removal of road signage, reduction of traffic lanes, road closures etc., and all traffic management requirements for the completion of all of the works as per Specification including all Contractors Traffic Management Plan requirements. | sum  |          |          |           |
| A271.2            | Maintenance of road diversions etc                                                                                                                                                                                                                             | sum  |          |          |           |
| A272.2            | Establishment and removal of warning signs, trench fencing and lights etc. as per Specification.                                                                                                                                                               | sum  |          |          |           |
| A280.1            | Pressure testing of watermain upon completion of the works as per specification                                                                                                                                                                                | sum  |          |          |           |
| A280.2            | Sterilisation and chlorination of the watermain pipe upon completion of the works as per specification                                                                                                                                                         | sum  |          |          |           |
| A280.3            | Establishment of bench marks and setting out                                                                                                                                                                                                                   | sum  |          |          |           |
| A280.4            | Protection of streams and watercourses from pollution during the course of construction of the works                                                                                                                                                           | sum  |          |          |           |
| A322.1            | Provision of water supply for pressure testing and chlorination of the watermain pipe upon completion                                                                                                                                                          | sum  |          |          |           |
| A322.2            | Provision of temporary water supply to existing water consumers on the existing water supply scheme during the construction phase. All temporary watermains and fittings to be removed on completion.                                                          | sum  |          |          |           |
| Forward to page 3 |                                                                                                                                                                                                                                                                |      |          |          |           |

| Item ID                                           | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unit | Quantity | Rate (€) | Amount(€) |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------|-----------|
| A328.0                                            | <p>From page 2</p> <p>Carry out and provide photographic survey and video survey of existing road for the entire scheme prior to commencement of works. Include for issue of copy of all photographic and video information to the Engineer.</p> <p><b>Road Opening Licence Fee (Note: The Road Opening Licence fee is to be paid by the contractor as agreed with Clare Co. Council in advance of the works. The fee shall then be reimbursed directly to the contractor by the client. This item is only for administration costs associated with the contractor having to make the application to the local authority to carry out the works)</b></p> | sum  |          |          |           |
| A352.0                                            | <p>Carry out application to Clare Co. Council for road opening licence to carry out the works. This item is for contractors administration costs for submitting the application to the local authority and is not the actual road opening licence fee. The road opening licence fee shall be paid directly by the contractor and the value of the licence shall be reimbursed directly to the contractor by the client. The licence shall be granted under the name of the contractor and they shall be the responsible party to ensure that all conditions on fhte licence are adhered to.</p>                                                          | sum  |          |          |           |
| A371.0                                            | <p>Site supervision as per general conditions of contract</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | sum  |          |          |           |
| <b>Total Class A - forward to general summary</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |          |          |           |

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|---------------------------------------------------|------------------------------------------------------------------------------------------------------------|------|----------|----------|-----------|
|                                                   | <b>Class B: Ground Investigation</b>                                                                       |      |          |          |           |
| B111.0                                            | Trial holes to locate services by hand, max length 2.0m, width 1.0m and depth not exceeding 1.0m           | nr   | 12       |          |           |
| B121.0                                            | In rock - trial holes to locate services by hand, max length 2.0m, width 1.0m and depth not exceeding 1.0m | nr   | 6        |          |           |
| <b>Total Class B - forward to general summary</b> |                                                                                                            |      |          |          |           |

| Item ID                                           | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Quantity | Rate (€) | Amount(€) |
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|                                                   | <p><b>Class I: Pipeworks - Pipes</b></p> <p><b>HDPE (PE100) SDR-17 polyethylene water supply pipe in trench. The watermain is to be constructed in the road/road edge or margin where shown as detailed Drawings. Include for disposal of surplus excavated material to a licensed waste disposal site using licensed transportation vehicles with a current certificate of roadworthiness.</b></p>                                                                                                                                                                                                                                                                                                 |      |          |          |           |
| I712.1                                            | <p>Section A-B-C-D section B-E on drawings. In road and road margin, 100mm diameter, depth not exceeding 1.50m. Include for tying-in of new 100mm diameter pipe with existing 100mm diameter pvc watermain at point A. Also include for keeping all existing water connections from existing 100mm diameter watermain live for the duration of the works.</p>                                                                                                                                                                                                                                                                                                                                       | m    | 2527     |          |           |
| I712.2                                            | <p>Section C-F on drawings. In road and road margin, 50mm diameter, depth not exceeding 1.50m. Include for tying-in of new 50mm diameter pipe with existing 100mm diameter pvc watermain at point C. Also include for keeping all existing water connections from existing 25mm diameter watermain live for the duration of the works.</p> <p><b>Heavy gauge polyethylene property connections in trench MDPE (PE80) to ISEN12201, including connection to boundary box and connection to new watermain complete. Include for disposal of surplus excavated material to a licensed waste disposal site using licensed transportation vehicles with a current certificate of roadworthiness.</b></p> | m    | 177      |          |           |
| I712.3                                            | <p>In road crossings and road verge, 25mm nominal bore service connection road crossings (outside diameter), depth not exceeding 1.50m. Include for excavation and disposal of existing road crossing property connections.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m    | 88       |          |           |
| I712.4                                            | <p>Electrofusion tapping tee (25mm outlet) for PE watermain with electrofusion transition coupler connector tapping on to new 200mm dia HDPE SDR-17 watermain (Section A-B) from existing domestic and non-domestic water connections.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                          | nr   | 26       |          |           |
| <b>Total Class I - forward to general summary</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |          |          |           |

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|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------|-----------|
|                                                   | <b>Class J: Pipework - Fittings and Valves</b>                                                                                                                                                                           |      |          |          |           |
|                                                   | <b>Fittings on nominal bore 200mm dia HDPE (PE100) SDR-17 watermain pipe</b>                                                                                                                                             |      |          |          |           |
| J751.1                                            | 100mm dia pvc to HDPE flange adaptor connection for tie-in of new watermain pipe with existing pipe                                                                                                                      | nr   | 1        |          |           |
| J811.1                                            | Sluice Valve on 100mm dia HDPE watermains, including all fittings for a complete installation as indicated on attached drawings.                                                                                         | nr   | 9        |          |           |
| J811.3                                            | Sluice Valve on 50mm dia HDPE watermains, including all fittings for a complete installation as indicated on attached drawings.                                                                                          | nr   | 1        |          |           |
| J861.1                                            | Air Valve on 100mm dia HDPE watermains, including all fittings for a complete installation as indicated on attached drawings.                                                                                            | nr   | 3        |          |           |
| J891.1                                            | Fire Hydrant on 100mm dia HDPE watermains, including all fittings for a complete installation as indicated on attached drawings.                                                                                         | nr   | 5        |          |           |
| J891.3                                            | Scour Valve on 100mm dia HDPE watermains, including all fittings for a complete installation as indicated on attached drawings.                                                                                          | nr   | 2        |          |           |
| J891.6                                            | Acqamaster Electromagnetic bulk water flow-meter on 100mm dia HDPE watermains, including all fittings for a complete installation as indicated on attached drawings. Specific model to be agreed in advance with client. | nr   | 1        |          |           |
| <b>Total Class J - forward to general summary</b> |                                                                                                                                                                                                                          |      |          |          |           |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------|-----------|
|                   | <b>Class K: Pipework - Manholes and Pipework Ancillaries</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |          |          |           |
| K251.1            | Sluice valve chamber as per attached drawings to include all precast units, engineering brick, cover and frame.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | nr   | 10       |          |           |
| K251.2            | Fire water hydrant chamber as per attached drawings to include all precast units, engineering brick, cover and frame.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | nr   | 6        |          |           |
| K251.3            | Air valve chamber as per attached drawings to include all precast units, engineering brick, cover and frame.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nr   | 4        |          |           |
| K251.4            | Scour valve chamber as per attached drawings to include all precast units, engineering brick, cover and frame                                                                                                                                                                                                                                                                                                                                                                                                                                                                | nr   | 2        |          |           |
| K251.5            | Wash out hydrant chamber as per attached drawings to include all precast units, engineering brick, cover and frame.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | nr   | 0        |          |           |
| K251.6            | Electromagnetic bulk meter chamber as per attached drawings to include all precast units, engineering brick, cover and frame.                                                                                                                                                                                                                                                                                                                                                                                                                                                | nr   | 1        |          |           |
| K251.7            | Pressure reducing valve (PRV) chamber as per attached drawings to include all precast units, engineering brick, cover and frame.                                                                                                                                                                                                                                                                                                                                                                                                                                             | nr   | 0        |          |           |
| K271.1            | Supply and installation of approved Boundary Box complete as detailed on attached drawings and Specification. Boundary Box to have non return valve and to have a watermeter as per specification. Meter type to be Diehl DN15 Altair Concentric meter. Include for exposing of existing property connections and connection of same with new watermeter. Existing water connections to be reduced to have minimum cover of 600mm if necessary. Contractor to include for all costs associated with reinstatement of existing surfaces or landscaping to original condition. | nr   | 24       |          |           |
| K672.1            | Crossing under existing 225-450m diameter stormwater culvert concrete pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | nr   | 7        |          |           |
| Forward to page 8 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |          |          |           |

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| K621.1            | <p>From page 7</p> <p>Bridge crossings - watermain crossing over existing stone bridge structures. Watermain laid in existing road / road verge with reduced cover and concrete lean mix backfill as per trench details. Allow for all method related works, traffic management and protection of existing stone structures.</p> <p><b>PERMANENT REINSTATEMENT - Watermain laid along road edge or in roadside verge within 1.0m of existing road edge. Include for placing and maintaining appropriate signage to highlight road restoration works. Signage details to be agreed with Local Roads Engineer.</b></p> <p><b>Section A-B-C-D and B-E on attached drawings (pipe in existing road)</b></p> | nr   | 2        |          |           |
| K731.1            | <p>Pipe bore not exceeding 300mm - (100mm diameter watermain) and minimum trench width 500mm - permanent road reinstatement as per SD5 Dept of Transport guidelines for managing opening in public road - 75mm compacted layer of AC20 dense bit 70/100 rec to Cl.906 with surface dressing to Cl.919 / Cl.921. Reinstatement to extend 5m beyond the edge of all excavations.</p> <p><b>Section C-F on attached drawings (pipe in existing road)</b></p>                                                                                                                                                                                                                                               | m    | 2529     |          |           |
| K731.2            | <p>Pipe bore not exceeding 300mm - reinstatement of existing private gravel road to consist of completion to top of trench with compacted gravel to Cl. 804 of NRA specification for roadworks as per attached trench detail.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | m    | 177      |          |           |
| Forward to page 9 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |          |          |           |



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|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------|-----------|
|                                                   | From page 8                                                                                                                                                                     |      |          |          |           |
| K731.5                                            | Extra over for permanent reinstatement of driveways adjoining existing road verge where pipe trench has been excavated. Driveways to be reinstated with mininum 60mm layer DBM. | nr   | 11       |          |           |
| K821.1                                            | Concrete marker posts as detailed on attached drawings including post, concrete base, backfill and plate.                                                                       |      |          |          |           |
|                                                   | Sluice valve                                                                                                                                                                    | nr   | 10       |          |           |
|                                                   | Fire water hydrant                                                                                                                                                              | nr   | 6        |          |           |
|                                                   | Air Valve                                                                                                                                                                       | nr   | 4        |          |           |
|                                                   | Scour Valve                                                                                                                                                                     | nr   | 2        |          |           |
|                                                   | Bulk Meter                                                                                                                                                                      | nr   | 1        |          |           |
|                                                   | Water meter                                                                                                                                                                     | nr   | 24       |          |           |
| <b>Total Class K - forward to general summary</b> |                                                                                                                                                                                 |      |          |          |           |

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|                    | <b>Class L: Pipework - Supports and protection, ancillaries to laying and excavation</b><br><br><b>Excavation of rock</b><br><br><b>Note: The quantity of rock is based on an average estimate over the entire length of watermain. Refer to trial hole data in the documents. Tenderers should satisfy themselves that the quantities indicated reflect the anticipated quantities which will be encountered on site. No additional monies will be paid for undermeasurement of rock</b> |                |          |          |           |
| L111.1             | In pipe trenches - Section A-B-C-D 0.5m trench width                                                                                                                                                                                                                                                                                                                                                                                                                                      | m <sup>3</sup> | 440      |          |           |
|                    | <b>Excavation of natural material below final surface and backfilling with blinding concrete Grade C15</b>                                                                                                                                                                                                                                                                                                                                                                                |                |          |          |           |
| L117.1             | In pipe trenches                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m <sup>3</sup> | 5        |          |           |
|                    | <b>Bed haunch and surround in 10mm single sized pea gravel to Clause 503 lightly compacted and laid uniformly along trench bed as per trench detail on attached drawings and specifications</b>                                                                                                                                                                                                                                                                                           |                |          |          |           |
| L331.1             | Pipe bore 100mm HDPE (PE100) (Section A-B-C-D and B-E). Min trench width 600mm                                                                                                                                                                                                                                                                                                                                                                                                            | m              | 2529     |          |           |
| L331.2             | Pipe bore 50mm HDPE (PE100) (Section C-F). Min trench width 500mm                                                                                                                                                                                                                                                                                                                                                                                                                         | m              | 177      |          |           |
|                    | <b>Backfilling in imported granular material to Clause 804 of the NRA Specification for Roadwork in pipe trenches under roads and road margins, including placing and compaction as detailed on attached drawings and specifications.</b>                                                                                                                                                                                                                                                 |                |          |          |           |
| L531.1             | Pipe bore 100mm dia HDPE (PE100) (Section A-B-C-D and B-E) 0.90m depth Cl.804. Min trench width 500mm.                                                                                                                                                                                                                                                                                                                                                                                    | m              | 2529     |          |           |
|                    | Pipe bore 50mm dia HDPE (PE100) (Section C-F) 0.90m depth Cl.804. Min trench width 500mm.                                                                                                                                                                                                                                                                                                                                                                                                 | m              | 177      |          |           |
| Forward to page 11 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |          |          |           |

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|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------|-----------|
|                                                   | From page 10                                                                                                                                                                                   |      |          |          |           |
| L541.2                                            | Pipe bore 100mm dia HDPE (PE100) (2 no. bridge crossings reduced cover) 0.25-0.5m depth under road surface concrete lean mix layer, cement bound granular mixture B (DBGM B) to SRW Series 800 | m    | 16       |          |           |
|                                                   | Thrust Blocks                                                                                                                                                                                  |      |          |          |           |
|                                                   | <b>Concrete Grade C20 in thrust blocks including excavation and formwork as per drawings.</b>                                                                                                  |      |          |          |           |
| L741.1                                            | At end of watermain lines and associated bends, exceeding 0.5 and not exceeding 1.0 cubic meters                                                                                               | nr   | 4        |          |           |
|                                                   | <b>Watermain warning tape with tracer wire at 350mm from surface as detailed on Drawings.</b>                                                                                                  |      |          |          |           |
| L901.1                                            | Pipe bore not exceeding 100mm diameter                                                                                                                                                         | m    | 2706     |          |           |
| L901.2                                            | Include for and specify below any other items considered necessary for the completion of the work specified on the drawings and in the tender documents.                                       | item |          |          |           |
| <b>Total Class L - forward to general summary</b> |                                                                                                                                                                                                |      |          |          |           |

| Item ID | Item Description                                                                              |  |  |             |              |
|---------|-----------------------------------------------------------------------------------------------|--|--|-------------|--------------|
|         | <b>General Summary</b>                                                                        |  |  | <b>Page</b> | <b>Total</b> |
|         | Class A                                                                                       |  |  | 3           |              |
|         | Class B                                                                                       |  |  | 4           |              |
|         | Class I                                                                                       |  |  | 5           |              |
|         | Class J                                                                                       |  |  | 6           |              |
|         | Class K                                                                                       |  |  | 9           |              |
|         | Class L                                                                                       |  |  | 11          |              |
|         | <b>SUBTOTAL</b>                                                                               |  |  |             |              |
|         | <b>ADJUSTMENT ITEM</b>                                                                        |  |  |             |              |
|         | <b>OMMISSION</b>                                                                              |  |  |             |              |
|         | <b>OR</b>                                                                                     |  |  |             |              |
|         | <b>ADDITION</b>                                                                               |  |  |             |              |
|         | <b>TOTAL EXCLUDING VALUE ADDED TAX</b>                                                        |  |  |             |              |
|         | <b>VALUE ADDED TAX AT 13.5%</b>                                                               |  |  |             |              |
|         | <b>TOTAL CONTRACT SUM (INCLUDING VALUE ADDED TAX) TO BE CARRIED FORWARD TO FORM OF TENDER</b> |  |  |             |              |
|         | <b>Contractors Name:</b>                                                                      |  |  |             |              |
|         |                                                                                               |  |  |             |              |
|         | <b>Contractors Address:</b>                                                                   |  |  |             |              |
|         |                                                                                               |  |  |             |              |
|         | <b>Date:</b>                                                                                  |  |  |             |              |
|         |                                                                                               |  |  |             |              |
|         |                                                                                               |  |  |             |              |
|         |                                                                                               |  |  |             |              |