

VOLUME C

PRICING DOCUMENT

Revision No	Amendment	Date of Issue
Rev T00	Tender Issue	01/09/2026

PRICING DOCUMENT

GENERAL INFORMATION

General Information

1. This Pricing Document has been prepared in accordance with the procedure set forth in the Fourth Edition of the Civil Engineering Standard Method of Measurement (CESMM4) except where indicated otherwise in the Preamble or in the Work Items.
2. In the item Description column of the Work items the abbreviation “((XXX))” shall have the meaning “see Preamble Item(s) referenced XXX”. For example ((2A1)) means “see preamble item referenced 2A1, “where 2 refers to the part of the Pricing Document which the reference relates to, and A1 refers to the first amendment to Class A items.
3. The quantities set forth in the Work Items in the Pricing Document shall not be construed as limiting or extending the Works in the Contract.
4. The Contractor shall allow in his rates for the position, location and accessibility of all the parts of the Works. Some of the work will be carried out in adjacent to tidal conditions. The Contractor shall satisfy himself as to the extent of work so affected and make due allowance in his rates and contract programme.
5. The rates and prices entered in the Pricing Document are to be the full inclusive value of the relevant work including all costs and expenses which may be required in and for the construction of the work described, together with all general risks, liabilities and obligations set forth or implied in the Contract Documents.
6. Allowances for all liabilities and obligations, and for the provision of all labour, materials, plant, supervision, temporary works, facilities and services which are necessary for the completion of the Works (and for which separate Method-Related Charges are not entered) shall be deemed to have been allowed for in the rates and prices entered against the Work Items in the Pricing Document.
7. Items of work which are marked nil, included or not priced are prohibited and shall invalidate the tender. All items must be priced on return of the Tender Documents.
8. Method-Related Charges (See CESMM4 Section 7)
 - (1) Method-Related Charges may be entered where indicated in the Pricing Document to cover items of work related to the Contractor's intended method of executing the Works, the costs of which are not to be considered as proportional to the quantities of the other items and for which allowances have not been made in the rates and prices for the other items.
 - (2) The Contractor shall take full responsibility for the adequacy of the sums, descriptions and periods entered against Method-Related Charges in the Pricing Document.
 - (3) Each item for a Method-Related Charge inserted in the Pricing Document shall be fully described so as to define precisely the extent of the work covered and to identify the resources to be used and the particular items of Permanent Works or Temporary Works, if any, to which the item relates.
 - (4) The Contractor shall clearly indicate the timing and duration of Time-Related Charges which do not cover the full construction period.
 - (5) Method Related Charges shall not be subject to admeasurement but shall be deemed to be prices for the purposes of Clause 10 (6) of the Conditions of Contract.
 - (6) Method-Related Charges associated with Provisional Sums shall be entered in

"Method-Related Charges" and not in "Provisional Sums".

(7) Method-Related Charges shall be certified and paid pursuant to Clauses 11.1(1) and 60(2)(a) of the Conditions of Contract. Payment of Fixed and Time-Related Charges shall be certified at the discretion of the Employer's Representative as follows:

- (i) Fixed Charges shall be certified on the discharge by the Contractor of the obligation described, or on completion by the Contractor of the provision described.
- (ii) No interim payments shall be made against Time-Related Charges until the periods of use entered by the Contractor shall be confirmed or amended by the programme approved by the Employer's Representative in accordance with Clause 4.9 of the Conditions of Contract. Thereafter, Time-Related Charges shall be certified in equal increments during the approved periods provided the progress on the work to which the charge relates is in accordance with the approved programme.

(8) Descriptions entered by the Contractor against Method-Related Charges shall not be construed as a Qualification to the Tender and consequently the acceptance of the Tender shall not constitute an undertaking that the arrangements and methods described or implied by the Contractor in the Tender are acceptable to or approved by the Employer and the Employer's Representative.

9. For the purposes of Clause 11 of the Conditions of Contract, interim additions or deductions on account of the amount, if any, of the Adjustment Item shall be made by instalments in interim certificates in the proportion that the amount referred to bears to the total of the Pricing Document before the addition or deduction of the amount of the Adjustment Item. Such interim additions or deductions shall be made before deduction of the retention monies and shall not exceed in the aggregate the amount of the Adjustment Item. If by the date of issue pursuant to Clause 9.6 of the Substantial Completion Certificate for the whole of the Works any balance of the amount of the Adjustment Item is outstanding it shall be added to or deducted from the retention monies then due or becoming due to the Contractor.

The adjustment item may be a lump sum or a percentage and shall be applied to interim payments in accordance with Section 6.4 of the preamble to the 4th Edition of CESSM.

10. Abbreviations

In addition to the abbreviations for the units of measurement listed in Paragraph 5.20 of the CESMM4, the following abbreviations are used in the Item Description columns for the Work Items in the Pricing Document:

ABBREVIATION MEANING

BS	British Standard
IS	International Standard
Spec Cl	Specification Clause
Ref; Ref No	Reference; Reference Number
Drg; Drg No	Drawing; Drawing Number
Max; Min	Maximum; Minimum
Nom	Nominal
Exc; n/e	Exceeding; Not Exceeding
nb; dia; ope	Nominal bore; Diameter; Opening
Horiz; Vert	Horizontal; Vertical
FGL	Finished Ground Level
MH	Manhole

11. Inclement Weather and Tidal Conditions

The Contractor shall make due allowance in his rates for the fact that inclement weather and extreme tidal conditions may cause him to suspend working from time to time. The probable extent of this is a matter of interpretation of the available rain, wind and tide data and accordingly the Employer's Representative will not consider the normal occurrence of inclement weather or departure from the stated tidal ranges as justification of any claim for additional payment or extension of time.

12. Payment of amounts for materials on site in interim valuations pursuant to CI 6.1 will only be certified when title to the materials is held by the Contractor. Proof of title may be required before certification.
13. As required by paragraph 5.21 of CESMM4 the following existing bodies of open water lie adjacent to the site: Atlantic Ocean.

Contractors should note that the anticipated tidal ranges at Dinish Island are based on available Admiralty data are as follows. All levels relating to this Contract are quoted relative to Chart Datum (CD):

Tide Condition	Chart Datum	OD Malin
Mean High Water Spring Tide	+4.10m	+1.91m
Mean High Water Neap Tide	+3.00m	+0.81m
Mean Low Water Neap Tide	+1.50m	-0.69m
Mean Low Water Spring Tide	+0.60m	-1.59m

The rate entered against each item shall include for all costs and expenses incurred in working in whatever tidal zone the work might fall.

Note: The relationship between the statistical tide levels is approximate and is reproduced for the broad guidance of the Contractor. The Contractor method of working and Tendered rates shall provide for any variation from the stated levels.

14. Protection of access roads shall be at the Contractor's expense, including any necessary repair to the satisfaction of the Employer's Representative.
15. **All unit rates, amounts, summaries and totals shall be quoted in EUROS.**
16. The rates quoted in the Pricing Document shall be exclusive of Value Added Tax.
The rates entered in the Pricing Document shall take due account of the conditions imposed by working in a marine environment. The Contractor shall take into account that work will be carried out within tidal conditions and the effects of wave action along the foreshore shall be considered.

The attention of the Contractor is drawn to the requirements of the Specification (Protection of Works from Weather and Sea Action) and the prices and rates entered in the Pricing Document shall be deemed to include for such protection.

The contractor's attention is drawn to the fact that the works shall take place in an exposed marine site. The contractor shall therefore allow in his rates and methodology for the possibility of repeated wave action or storm actions occurring during the contract period.
17. Protection of existing structures, surfacing and other features in the vicinity of the works shall be at the Contractor's expense, including any necessary repair to the satisfaction of the Employers Representative.
18. The Tenderer shall take account of any phased completion of the works specified in the Instructions to Tenderers.
19. The rates entered within all sections of the Pricing Document shall be fully inclusive of all costs required for the full and satisfactory execution of the particular work items. In the event of any

works being deleted from the Contract the rates for the remaining sections of the Contract shall not be subject to adjustment.

20. Rates shall include protection of services and private property.
21. Rates shall include for all customs duties and import charges which may be payable on plant and materials required for the execution and completion of the works. The final sum paid to the Contractor will be adjusted to allow for any such duties or charges which may be increased or decreased, imposed or abolished subsequent to the date of tender.

Department of Finance Guidelines on Method of Measurement

Amendments required when using CESMM4: Revised

Overview

The following Department of Public Expenditure, NDP Delivery and Reform approved list of amendments is to be made to the Civil Engineering Standard Method of Measurement 4th Edition Revised (CESMM4 Revised) when the rules are being used on the new Public Works Contracts Designed by the Employer or by the Contractor as appropriate.

New CESMM4 Revised guidance notes – May 2020

Delete: The first item in the guidance note which relates to a worked example in relation to paragraph 5.7. 'Dayworks'.

Section 1: Definitions

Amend: Paragraph 1.4 the word 'Contract Administrator' to read 'Employer's Representative'.

Amend: Paragraph 1.5. Delete the word 'estimated'.

Replace: Text in paragraph 1.6 with "Not used".

Insert: New paragraph 1.13. "The word 'Contract Administrator(s)' is to read 'Employer's Representative(s)' as appropriate in Work Classification Items A21*, A22*, A23*, A24* and Class E Measurement Rule M17".

Insert: New paragraph 1.14 " 'Attendance' in the context of 'Specialists' includes both Contractor facilitation of a Specialist's involvement in a project and presence on the Site and the attendant services or work which the Contractor has to provide in connection with the provision of work carried out by individual Novated Specialists or Reserved Specialists. 'General attendance' will be required in relation to each Specialist and 'Special attendance' may be additionally required relative to specific Specialists. The nature of 'General attendance' and of 'Special attendance' is described at paragraph 5.4".

Section 5: Preparation of the Quantified Schedule of Rates

Insert: At end of paragraph 5.1 insert the words "if applicable".

Replace: Text in paragraph 5.2 (c) with "Not used".

Insert: Prior to the final sentence in paragraph 5.4 insert "Additionally the Preamble shall state that the Contractor shall be deemed to have included in his rates and prices for the Compensation Event risk transfers pursuant to Schedule part 1K".

Replace: Text in paragraph 5.6 with Not Used"

Replace: 'Dayworks Schedule' heading and text in paragraph 5.7 with "Not used".

Replace: Text in paragraph 5.8 with "Not used".

Replace: 'Prime Cost Items' heading and text in paragraph 5.16 with new heading and new paragraph 5.16 as follows:

"Specialists Items:

5.15. The Specialist Contract Sum or Reserved Sum for work to be carried out by a Novated or Reserved Specialist respectively shall be given in the Quantified Schedule of Rates. Each Specialist Reserved Sum in the Quantified Schedule of Rates will be deleted and replaced with the Final Tender Sum for the relevant Specialist works package in advance of setting the Contract Sum. Each such Specialist Contract Sum or Reserved Sum Item shall be followed by:

- (a) an item for General Attendance in connection with each Novated Specialist or Reserved Specialist which, in the absence of any express provision in the Contract to the contrary, shall be deemed to include for allowing such Specialist to use temporary roads, hardstandings, scaffolding, hoists, messrooms, sanitary accommodation and welfare facilities which are provided by the Contractor for his own use and for providing space for office accommodation and storage of plant and

materials, for disposing of rubbish and for providing light and water for the work of the Specialists; and

- (b) an item for each item of Special Attendance in connection with specific Novated Specialist or Reserved Specialist and in respect of which full information on the nature of the attendance required shall be stated in the description. In particular, where the following items of Special Attendance are to be provided, the requirements stated shall be compiled within the description of the attendance:
- i. Temporary access roads and hardstandings required in connection with, for example, structural steelwork, precast concrete components, piling, heavy items of plant etc. If plant is to be provided, the requirements stated shall be compiled access way to be provided and remedial works to be carried out to the trafficked areas.
 - ii. Weatherproof covered storage and accommodation – floor area to be provided together with details of any enhancements required such as minimum eaves heights, lighting levels, power supply requirements, heating, ventilation, water and drainage services and, where a requirement, site location.
 - iii. Power supplies giving the phase and maximum electrical loading to be allowed for – the Specialist shall be deemed responsible for the provision of transformers and temporary distribution cabling unless otherwise stated in the description.
 - iv. Scaffolding – the area of elevation or, in the case of ceiling access, the area to be scaffolded. Where access towers are to be provided the number, size and height of the towers shall be stated. The provision of scaffold boards and ladders and of all certification required for safe use shall be deemed to be included.
 - v. Unloading, hoisting and distributing - the size and height of and their destination in the work shall be described.
 - vi. Maintenance of specific temperature and humidity levels - the required temperatures and humidity levels shall be stated. The provision of plant and all necessary fuel / power supplies shall be deemed to be included. Any restrictions on the use of the permanent mechanical installation of the building shall be stated.

For each other special attendance items to be provided by the Contractor, the scope of the work required of the Contractor shall be detailed in the description of the specific measured item.

In the case of all special attendance items the provision, maintenance and removal or any plant, equipment or work required and the reinstatement of any part of the Works disturbed shall be deemed to be included.

The provision of any Special Attendance not listed in the Quantified Schedule of Rates shall be deemed to be included in the Specialist Contract Sum or Reserved Sum

- (c) An item for a sum for Management of the Specialist to incorporate the Contractor's management, risk acceptance and indirect overhead costs associated with the employment of each of the named Specialists to be engaged for the Works, which will be listed as an item for each of the Specialists and priced as a lump sum for each.
- (d) An item for Contractor's Profit is required for each of the named Specialist's Sums, rated as a percentage of each such sum. The percentage for Profit is required on any Contract Sum for Novated Specialists and any Reserved Sum provided by the Contracting Authority for each Reserved Specialists' works category. These percentages shall be applied by a main contract candidate to the named Specialists' "Sums to create lump sum items for profit on named Specialist works."•

Replace: Text in paragraph 5.16 with “Not used”.

Replace: ‘Provisional Sums’ heading and text in paragraph 5.17 with “Not used”.

Amend: Paragraph 5.22. Change the “£” symbol to “€” symbol, and change the “p” symbol to “c” symbol.

Replace: ‘General Contingency Allowance’ heading and text in paragraph 5.25 with “Not used”.

Delete: The words from paragraph 5.26 “and the General Contingency Allowance, if any”.

Delete: The words from paragraph 5.27 “the amount of the General Contingency Allowance, if any”.

Insert: New paragraphs 5.28 and 5.29 as follows:

“Risk of Quantities

5.28 The risk of quantities will remain with the Employer under Schedule part 1K Event 17 only where such a risk is not affected by another risk that has been passed to the Contractor elsewhere under Schedule part 1K.

For example, where the risk of unforeseeable ground conditions under Schedule part 1K Event 19 is passed to the Contractor and where quantities of work required change as a consequence of unforeseeable ground conditions being encountered, then Event 19 shall take precedence over Event 17 to the extent that the change has arisen from the risk encountered.

Insert new paragraph 5.29 as follows:

“Standing Conciliator

5.29 The Reserved Sum for the Contractor’s share of the Standing Conciliator’s fee in the Quantified Schedule of Rates shall be deleted and replaced with the Contractor’s share, (nominally 50% of the overall Standing Conciliator’s agreed fee), of the fee agreed by the Parties with the Standing Conciliator in advance of setting the Contract Sum.”

Section 6: Completion, Pricing and Use of the Quantified Schedule of Rates

Amend: Text in paragraph 6.1 from “pounds sterling with pence inserted as decimal fractions of one pound” to read “euro with cent inserted as decimal fractions of one euro”.

Amend: Paragraph 6.4. to read “For the purposes of clause 11 interim additions or deductions on account of the amount, if any, of the Adjustment Item shall be made by instalments in interim certificates in the proportion that the amount referred to in clause 11.1.2(1) bears to the total of the priced Quantified Schedule of Rates before the addition or deduction of the amount of the Adjustment Item and a statement to this effect shall appear in the Preamble to the Quantified Schedule of Rates. Such interim additions or deductions shall be made before deduction of the retention moneys, and shall not exceed in the aggregate the amount of the Adjustment Item. If by the date of issue pursuant to clause 9.6 of the

Certificate of Substantial Completion of the Works any balance of the amount of the Adjustment Item is outstanding it shall be added to or deducted from the moneys then due.”

Replace: Text in paragraph 6.5 with “Not used”.

Section 7: Method - Related Charges

Amend: Text at end of paragraph 7.6. as follows “but shall be deemed to be rates for the purposes of clauses 10.6.”

Amend: Paragraph 7.7. to read “Method-Related Charges shall be certified and paid pursuant to clauses 11.1.2(1) and a statement to this effect shall appear in the Preamble to the Quantified Schedule of Rates.”

Amend: Paragraph 7.8. to read “In the event of the satisfactory execution of any part of the Works which has been the subject of an item for a Method-Related Charge using, whether in whole or in part, a method other than that described in the item, the Contractor shall nevertheless be entitled to payment of the Method-Related Charge or the balance thereof, as the case may be, by such instalments at such times and upon such events as may from time to time be agreed between the Employer’s Representative and the Contractor. In default of such agreement the Method-Related Charge, or the balance then unpaid, shall be treated as if it were an addition to the Adjustment Item referred to in paragraph 6.3 and 6.4 (amended) and allowed to the Contractor by way of instalments in interim certificates accordingly. The amount of a Method-Related Charge shall be neither increased nor decreased by reason only of any change in method made by the Contractor, unless such change has been ordered by the Employer’s Representative, in which case the provisions of clause 10.6 shall apply.”

CLASS A: GENERAL ITEMS

Omit: Reference to “Provisional Sums and Prime Cost Items”• included in comments just under heading.

M1 Measurement Rules

Insert: The words “and Rule M8”• at the end of Measurement Rule M1.

No 1. First Division “Contractual requirements”

Amend: Coverage Rules C1 to read “Items for insurance classed as contractual requirements shall be deemed to include only provision of insurances in accordance with clauses 3.3, 3.6, 3.7 (optional) and 3.8 unless otherwise stated.”

Insert: New Second Division Item “4 Collateral warranties.”

Insert: New Coverage Rule “C2 Items for collateral warranties classed as contractual requirements shall be deemed to include only provision of collateral warranties in accordance with clause 5.5 unless otherwise stated.”

Insert: New Second Division item “5 Ancillary Certificates.”

Insert: New Coverage Rule “C3 Items for ancillary certificates classed as contractual requirements shall be deemed to include only provision of ancillary certificates in accordance with clause 5.8 unless otherwise stated.”

No 4. First Division “Provisional Sums”

Replace: this section completely i.e. “First, Second and Third Divisions; Measurement Rules, Definition Rules, Coverage Rules and Additional Description Rules” with “Not used”.

No 5. First Division ‘Nominated Sub-contracts which include work on the Site’

Replace: this section completely i.e. ‘First, Second and Third Divisions; Measurement Rules, Definition Rules, Coverage Rules and Additional Description Rules’ with “Not used”.

No 6. First Division ‘Nominated Sub-contracts which do not include work on the Site’

Replace: this section completely i.e. ‘First, Second and Third Divisions; Measurement Rules, Definition Rules, Coverage Rules and Additional Description Rules’ with “Not used”.

Insert: New Class A First Division No. 7 Specialists and No. 8 Project Board items as follows:

First Division	Second Division	Third Division	Measurement Rules	Definition Rules	Coverage Rules	Additional Description Rules
8 Project Board	1 Contractor’s membership and participation				C3 Item for Project Board shall include Contractor’s participation in reviewing disputed Employer’s Representative determinations issued under clause 10.5.4 and	

					10.5.5 and referred to the dispute management procedure under clause 13.1	
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Insert: New Class A First Division No. 9 Standing Conciliator Item as follows:

First Division	Second Division	Third Division	Measurement Rules	Definition Rules	Coverage Rules	Additional Description Rules
9 Standing Conciliator	1 Reserved Sum for Contractor's share of fee				C4 Item for Standing Conciliator shall include Contractor's share (nominally 50%) of the fee for the Standing Conciliator in the performance of his duties including: (a) The fee charged by the Standing Conciliator in ensuring he establishes and maintains a standing knowledge of the relationship between the Parties prior to the crystallisation of the dispute. (b) The fee charged by the Standing Conciliator in attending and / or chairing Project Board Meetings, this will be agreed by the Parties prior to the award of the Contract. (c) Any other duties agreed by the Parties and charged by the Standing Conciliator in performing his duties. The rate shall not include any fee charged by the Standing Conciliator in conciliating any dispute referred under Clause 13.2.	

CLASS B: GROUND INVESTIGATION

No 1. First Division 'Trial pits and trenches'

Amend: 'Removal of obstructions' Second Division; change the unit of measurement from "h" to "Sum" (this is a Contractor's risk for which a lump sum figure for the work described is tendered).

Amend: 'Pumping' Second Division; change the unit of measurement from "h" to "Sum" (this is a Contractor's risk for which a lump sum figure for the work described is tendered).

No 2. First Division 'Light cable percussion boreholes'

Amend: 'Chiselling to prove rock or to penetrate obstructions' Second Division; change the unit of measurement from "h" to "Sum" (this is a Contractor's risk for which a lump sum figure for the work described is tendered).

No 5. First Division 'Site tests and observations'

Amend: 'Permeability' Third Division; change the unit of measurement from "h" to "Sum" (this is a Contractor's risk for which a lump-sum figure for the work described is tendered).

No 8. First Division 'Professional Services'

Amend: 'Technician, Technical Engineer and Engineer or geologist' Second Division; change the units of measurement from "h" to "Sum" (this is a Contractor's risk for which a lump sum figure for the work described is tendered).

Delete: Measurement Rule M3

CLASS E: EARTHWORKS

Measurement Rule M1

Replace: The final sentence with "Where boundaries between different materials are not shown on the Drawings, the work shall be measured as a Sum (this is a Contractor's risk for which a lump sum figure for the work described is tendered)."

No 6. First Division 'Filling': Measurement Rule M18

Replace: Text in measurement rule M18 with "Not Used".

No 6. First Division 'Filling': Coverage Rule C4

Replace: Text in coverage rule C4 with "C4 Items for filling shall be deemed to include:

- compaction
- additional filling necessitated by settlement of or penetration into underlying material."

No 6. First Division 'Filling': Measurement Rule M20

Replace: Text in measurement rule M20 with "Not Used".

CLASS Q: PILING AND ANCILLARIES

No 7. First Division 'Obstructions'

Amend: The unit of measurement from "h" to "Sum" (this is a Contractor's risk for which a lump sum figure for the work described is tendered).

CLASS Y: SEWER AND WATER MAIN RENOVATION AND ANCILLARY WORKS

No 8. First Division 'Interruptions'

Amend: The unit of measurement from "h" to "Sum" (this is a Contractor's risk for which a lump sum figure for the work described is tendered).

Pricing Document	Section A: List of Principal Quantities
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Description	Quantity
Part 1 – Section 1 General Items General Items	
Part 2 – Section 1 Demolition & Site Clearance Demolition and General Site Clearance	0.256ha
Part 3 – Revetment Excavation to allow installation of geotextile and rock armour revetment Disposal of unacceptable material excavated from the proposed area Re-grading of the excavated material to be used in the toe trench Provision and placing of filter layer Provision and placing of imported rock armour underlayer Provision and placing of primary rock for rock armour revetment Provision and placing of geotextile matting on rock armour revetment	2575m ³ 500m ³ 170m ³ 1345m ² 1345m ² 1345m ² 360m ²

P R E A M B L E

PART 1 – GENERAL ITEMS

Part 1 – General Items

Drawing numbers have been provided to aid the Contractor in pricing, the Employer takes no responsibility for Drawing references typed incorrectly.

CLASS A ITEMS

- 1A1 Performance Bond and insurances should be priced to cover a contract awarded on the basis of construction quantified schedule items
- 1A2 The sum entered against Item A190.1 shall include for all expenses and costs which may be incurred in discharging all the obligations and requirements contained in the Conditions of Contract unless itemised separately.
- 1A3 The sum entered against item A190.3 shall be fully inclusive of all expenses and costs which are incurred by compliance with legislation and the Conditions of Contract which relate to the "Special Requirements in relation to Hazards" and the preparation and upkeep of the Health & Safety file.
- 1A4 The rate entered against item A211.2 shall include for the cost of electricity for heating and lighting, and for provision of consumables such as soap, toilet rolls and clean towels and for regular cleaning of the accommodation, for the Engineers staff.
- 1A5 The Contractor shall enter any Method Related Charges either Fixed or Time Related, that they consider necessary for the satisfactory execution of the works.
- The rates entered shall include for mobilisation of all plant, labour and equipment necessary for the satisfactory completion of the works.
- The total amount entered under Method Related Charges (Page Total) shall not exceed 10% of the corrected tender total.
- 1A6 This item is deemed to include all costs associated with Specialist Laboratory testing of materials as outlined in App 1/5 of the Specification.

PART 2 – Demolition & Site Clearance

Drawing numbers have been provided to aid the Contractor in pricing, the Employer takes no responsibility for Drawing references typed incorrectly.

CLASS D ITEMS

- | | |
|-----|--|
| 2D1 | The rate shall include for working below water, above water level or in the intertidal zone. |
| 2D2 | The rate shall include for disposal of the demolition arisings in an appropriate manner. |

PART 3 – Revetment

Drawing numbers have been provided to aid the Contractor in pricing, the Employer takes no responsibility for Drawing references typed incorrectly.

CLASS A ITEMS

3A1 Where items for mob and demob of plant are not individually itemised the Tender shall be deemed to include these in other rates as appropriate.

The rates shall include all costs associated with mobilization and demobilization of all plants required to complete the works. No additional sum will be due for any additional costs which may arise from delays in the delivery or return of plants and equipment. The rate shall include for remobilization of plants after periods of harsh weather.

3A2 The rate entered shall allow for maintaining plant at the site for the duration of the Works.

CLASS E ITEMS

3E1 The item is not measured strictly in accordance with CESMM4. The rate shall include allowance for working below and above MHWS as appropriate. The item shall be measured per m length of toe excavation.

The rate entered shall include for excavating to specified levels to the required profiles shown on the Contract Drawings.

3E2 Rate shall include for all necessary preparation to ensure that rock armour can be placed in accordance with the specification.

3E3 Rate to include for overlaps and for temporary fixing during subsequent placing of rock armour.

3E4 If items for mob and demob of plant are not individually itemised the Tender shall be deemed to include these in other rates as appropriate.

3E5 The rate shall include for any variation from the profiles shown or the depth of infill required as a consequence of any over excavations.

3E6 Recovery shall mean filling of acceptable excavated material either directly from its insitu position or from stockpile. The rate shall include for double handling and stockpiling of acceptable excavated material where applicable to the Contractors methodology.

3E7 The rates shall include for all equipment and plant necessary to remove obstructions / structures encountered.

3E8 The quantity expressed in the BoQ is the plan area covered by geotextile. The Contractor must also include for all laps on geotextiles when pricing this item.

Pricing Document

Section C: Daywork Schedule

Not Used

Pricing Document

Section D: Work Items

INTRODUCTION

In accordance with Paragraph 5.9 of the CESMM4, the Work Items of the Pricing Document Quantities have been divided into parts as follows:

	PAGE
PART 1: General Items	20
PART 2: Demolition & Site Clearance	25
PART 3: Revetment	26

In accordance with Paragraph 5.23 of the CESMM4, provision has been made for the amounts inserted on each page to be totalled and carried to a Summary for each Part of the Work Items and for the total of each Part Summary to be carried to the Grand Summary in Section E of the Pricing Document.

Item	Item Description	Unit	Quantity	Rate	Total (€)
	<u>SECTION D: WORK ITEMS</u>				
	<u>PART 1 - SECTION 1; GENERAL ITEMS</u>				
	CLASS A : GENERAL ITEMS				
	<u>Contractual Requirements</u>				
A110	Performance Bond ((1A1))	sum	-		
A120.1	Insurance of the Works and construction plant including marine plant in accordance with the Conditions of Contract ((1A1))	sum	-		
A120.2	Professional Indemnity Insurance in accordance with the Conditions of Contract ((1A1))	sum	-		
A130	Third Party insurance in accordance with the Conditions of Contract ((1A1))	sum	-		
A190.1	General compliance with the Conditions of Contract ((1A2))	sum	-		
A190.2	General compliance with the Works Requirements	sum	-		
A190.3	Compliance with Safety Health & Welfare at Work Regulations in accordance with Clause 2.5 of the Conditions of Contract including acceptance of appointment as Project Supervisor (Construction Stage) ((1A3))	sum	-		
A190.4	Compliance with all other Statutory Authorities Requirements including working within the limits of the Works Requirements	sum	-		
A190.5	Obtaining approval of all Licences and consents including compliance with all requirements therein	sum	-		
A190.6	Protection of Adjacent Structures in accordance with the Works Requirements	sum	-		
Page Total					

Item	Item Description	Unit	Quantity	Rate	Total (€)
	CLASS A : GENERAL ITEMS (cont)				
	<u>Accommodation for the Employers Representative</u>				
A211.1	Provision and establishment of office accommodation as Appendix 1/1 of the Works Requirements	sum	-		
A211.2	Maintenance of Office Accommodation, as Appendix 1/1 of the Specification. ((1A4))	wk	8		
A211.3	Removal of accommodation on completion of works.	sum	-		
	<u>Equipment for use by the Employers Representative</u>				
A231.1	Provision, establishment and removal of office equipment as Appendix 1/1 of the Works Requirements.	sum	-		
A231.2	Maintenance of office equipment in accordance with the Works Requirements	wk	8		
A233.1	Provision, establishment and removal of survey equipment as Appendix 1/1 of the Works Requirements	sum	-		
A233.2	Maintenance of survey equipment in accordance with the Works Requirements	wk	8		
A239.1	Provision, establishment and removal of personal protective equipment for the Employer's Representative's Staff as Appendix 1/1 of the Works Requirements	sum	-		
A239.2	Maintenance of personal protective equipment in accordance with the Works Requirements	wk	8		
	<u>Testing of Materials</u>				
A250.1	Testing of all materials to be incorporated in the Works and submission of records in accordance with Works Requirements Appendix 1/5	sum	-		
Page Total					

Item	Item Description	Unit	Quantity	Rate	Total (€)
	CLASS A : GENERAL ITEMS (cont)				
	<u>Temporary Works</u>				
A279.1	Provision, establishment, and removal of wheel wash facilities.	sum	-		
A279.2	Maintenance of wheel wash facilities	wk	8		
A279.3	Maintenance of sign board	sum	-		
A279.4	Provision, establishment, and removal of sign board as specification Clause 201AR	wk	8		
A279.5	Provision, establishment, and removal of dust control facilities in accordance with the Works Requirements	sum	-		
A279.6	Maintenance of dust control facilities	wk	8		
A279.7	Provision, establishment, and removal of all necessary site warning signs	sum	-		
A279.8	Maintenance of site warning signs	wk	8		
A279.9	Provision, establishment, and removal of manual tide guage levelled to chart datum	sum	-		
A279.10	Maintenance of manual tide guage	wk	8		
	<u>Specified Requirements</u>				
	<u>Site Compound</u>				
A290.1	Provision of site compound and provision of site boundary measures in accordance with the Works Requirements	wk	8		
A290.2	Maintenance of site compound and boundaries in accordance with the Works Requirements	wk	8		
A290.3	Reinstatement of site compound and general site area to its original condition on completion of the works in accordance with the Works Requirements	sum	-		
Page Total					

Item	Item Description	Unit	Quantity	Rate	Total (€)
	CLASS A : GENERAL ITEMS (cont)				
	<u>Information for the Employer's Representative</u>				
A290.4	Provision of progress photographs for the duration of the Works in accordance with the Works Requirements	wk	8		
A290.5	Submission of monthly progress reports	nr	2		
A290.6	Submission of weekly progress reports and site records	wk	8		
A290.7	Submission of anticipated expenditure profile, updated monthly	nr	2		
A290.8	Submission of monthly programme updates showing actual and planned progress	nr	2		
A290.9	Submission of weekly programme updates showing actual and planned progress	wk	8		
A290.10	Investigation inspection and recording of all service information including use of Cable Avoidance Tool (CAT) scanning, lifting MH covers and tracking pipework, tracing water and foul services, all prior to demolition. Provide record information to the Employers Representative	sum	-		
A290.11	Provision of Groundwater Management Plan and Construction Environmental Management Plan in accordance with the Works Requirements	sum	-		
A290.12	Develop and provide "Record and As Constructed Drawings" on AutoCAD R2016 format within 4 weeks of the issue of the Certificate of Substantial Completion	sum	-		
A290.13	Liaisons and communications with property owners, occupiers, utility providers and the public in accordance with the Works Requirements.	sum	-		
	Extra Over : Provide for attendance upon the relevant utility providers (Telecom, Irish Water & ESB)	sum	-		
	<u>Topographical Survey</u>				
A290.14	Contractor to commission and provide topographical survey of the Site in Accordance with Specification CI 077AR.	sum	-		
	<u>Method Related Charges ((1A5))</u>				
A311	Accommodation and buildings, Offices	sum	-		
A315	Accommodation and buildings, Canteens and Messrooms	sum	-		
A321	Services, Electricity	sum	-		
A322	Services, Water	sum	-		
A323	Services, Security	sum	-		
A324	Services, Hoarding	sum	-		
A327	Services, Welfare	sum	-		
Page Total					

Item	Item Description	Unit	Quantity	Rate	Total (€)
	CLASS A : GENERAL ITEMS (cont)				
	<u>Plant</u>				
A339.1	Mobilisation of all plant and equipment to facilitate the general construction of the Works	sum	-		
A339.2	Demobilisation of all plant and equipment to facilitate the general construction of the Works	sum	-		
A339.3	Weekly Plant and Equipment Costs	wk	8		
	<u>Temporary Works</u>				
A369	Contractor designed temporary works	sum	-		
	<u>Supervision and Labour</u>				
A371.1	Site Supervision Costs	wk	8		
A372.2	Site Administration Costs	wk	8		
A372.3	Head Office Administration Costs	wk	8		
A373.1	Weekly Labour Costs	wk	8		
A373.2	Provision and maintaining Archaeological supervision/monitoring services in accordance with the Works Requirements and any other relevant Statutory Requirements	wk	8		
A379	Other Site Overheads	sum	-		
	<u>Other Items</u>				
A900.1	Laboratory testing by Specialist Laboratory as per the Works Requirements ((1A6))	sum	-		
Page Total					

Item	Item Description	Unit	Quantity	Rate	Total (€)
	<u>SECTION D: WORK ITEMS</u> <u>PART 2 - Demolition & Site Clearance</u> CLASS D : DEMOLITION AND SITE CLEARANCE				
D110.1	General Site Clearance	ha	0.256		
	<u>Site Tidiness ((2D1)) ((2D2))</u>				
D110.2	General Clearance of debris from the Site	ha	0.256		
Page Total					

Item	Item Description	Unit	Quantity	Rate	Total (€)
	<u>SECTION D: WORK ITEMS</u>				
	<u>PART 3 - Rock Armour Revetment</u>				
	CLASS A : GENERAL ITEMS				
A333.1	Mobilisation of Plant and Equipment ((3A1 & 3A2))	sum	-		
A333.2	Demobilisation of Plant & Equipment ((3A1 & 3A2))	sum	-		
	<u>EXCAVATION</u>				
	CLASS E : EARTHWORKS ((3E1)) - ((3E8))				
E495.1	Excavation of existing ground to allow installation of subbase, geotextile, underlayer, and rock armour revetment. Max Depth 2-5m below ground level.	m ³	2575		
E535.1	Disposal of unacceptable material excavated from the area of the existing ground not suitable for use in the Works, to appropriately licensed land based facility.	m ³	500		
E535.1	Disposal of acceptable material excavated from the area of the existing ground suitable for use in the Works, to appropriately placed area within the perimeter of the site; as approved by the Employer's Representative	m ³	2075		
E523.1	Preparation of existing surface in location of Rock Armour Revetment to receive subbase/filter.	m ²	1345		
E523.2	Preparation of existing surface in location of Rock Armour Revetment to receive Geotextile.	m ²	360		
E523.3	Preparation of existing surface in location of Rock Armour Revetment to receive underlayer.	m ²	1345		
E523.4	Preparation of existing surface in location of Rock Armour Revetment to receive armour units.	m ²	1345		
E599.1	Re-grading of the excavated material to be used in the toe of the revetment.	m ³	170		
Page Total					

Item	Item Description	Unit	Quantity	Rate	Total (€)
	CLASS E : EARTHWORKS (Cont.)				
	<u>Filling</u>				
	Provision and Placement of 2500t 1-3t rock armour with a suitable subbase, 60-300kg underlayer, and geotextile matting (Terram 2000) at a variable slope as detailed in IBE 1907-TT-ZZ-ZZ-DR-C-1002 and IBE 1907-TT-ZZ-ZZ-DR-C-1003.				
E639	General; recovery of regraded shingle for use as infill material within the toe trench above the historical high water as detailed in IBE1907-TT-ZZ-ZZ-DR-C-1003	m ³	250		
E647.1	Provision and placing of 45-125mm stone filter layer to a nominal depth of 300mm on the Rock Armour Revetment ; as Spec Clause CC-SPW-600-74AR and drawing series IBE1907-TT-ZZ-ZZ-DR-C-1003 (inclined at an angle of 10°- 45° to horizontal). Rate to include all associated works required to tie into the existing revetment.	m ²	1345		
E647.2	Provision and placing of Imported rock armour underlayer to a nominal depth of 370mm on the Rock Armour Revetment weight 60-300kg ; as Spec Clause CC-SPW-600-74AR and drawing series IBE1907-TT-ZZ-ZZ-DR-C-1003 (inclined at an angle of 10°- 45° to horizontal). Rate to include all associated works required to tie into the existing revetment.	m ²	1345		
E647.3	Provision and placing of Imported rock armour to a nominal depth of 825mm on the Rock Armour Revetment weight 1-3 t ; as Spec Clause CC-SPW-600-74AR and drawing series IBE1907-TT-ZZ-ZZ-DR-C-1003 (inclined at an angle of 10°- 45° to horizontal). Rate to include all associated works required to tie into the existing revetment. Placed in 2 layers at the toe.	m ²	1345		
	<u>Filling Ancillaries</u>				
E723.1	Preparation of repurposed shingles and existing ground to receive geotextile membrane in accordance with Spec Clause CC-SPW-600-74AR	m ²	1345		
E723.2	Preparation of 45-125mm stone filter layer to receive armour underlayer at Rock armour Revetment in accordance with Clause 600/74AR.	m ²	1345		
E723.3	Preparation of rock armour underlayer material to receive rock armour layer at Rock armour Revetment in accordance with Clause CC-SPW-600-74AR.	m ²	1345		
E730.1	Provision and Placement of Geotextiles; Type Terram 2000, as a separation layer on Rock Armour Revetment in accordance with Drawing series IBE1907-TT-ZZ-ZZ-DR-C-1003.	m ²	1345		
Page Total					

Pricing Document

Part Summary - Section

Quantified Schedule of Rates

PART 1

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Page 21 €.....

Page 22 €.....

Page 23 €.....

Page 24 €.....

Part 1 Total €.....

PART 2

Page 25 €.....

Part 2 Total €.....

PART 3

Page 26 €.....

Page 27 €.....

Part 3 Total €.....

Adjustment Item (max. 5% of tendered price) €.....

Pricing Document

Section E – Grand Summary

Part Totals

Amount

PART 1 General Items € _____

PART 2 Demolition & Clearance € _____

PART 3 Revetment € _____

Adjustment Item (max. 5% of tendered price) € _____

TENDER TOTAL (Excluding VAT) € _____

Signed: _____

For and on behalf of: _____

Address: _____

Date: _____