JV TIERNEY & CO
MECHANICAL ELECTRICAL & SUSTAINABLE ENGINEERS

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TIPPERARY COURTHOUSE & BRIDEWELL

RE-DEVELOPMENT PROJECT - PHASE 1

MECHANICAL SERVICES INSTALLATION

CCT-JVT-PH1-XX-XX-ST-M-0001 SUMMARY OF TENDER

Decription	Status	Rev	Date	Prepared By:	Checked By:
PRE-TENDER	P7	0	30.10.2026	L. STEWART	Z. SANDOROVA

JVT 1948-2023 CELEBRATING 75 YEARS

Directors: J. Lee, S. Walsh, R. Burke, C. Saul, A. Clifford, C. Kelly, D. Conaty
Associate Directors: M. Downey, D. Dowling, E. MacEntee, L. Watson
J.V. Tierney & Company (2002) Limited Trading as J.V. Tierney & Co. Registration No. 422555
Registered Office: 5 Clarinda Park North, Dun Laoghaire, Co. Dublin, A96 W6N1.

QUALITY NSAI Certified | ENVIRONMENT NSAI Certified | HEALTH & SAFETY NSAI Certified | BUILDING INFORMATION MODELLING NSAI Certified

MEMBER OF ACEI

IGBC IRISH GREEN BUILDING COUNCIL

JV TIERNEY & CO
MECHANICAL ELECTRICAL & SUSTAINABLE ENGINEERS

TIPPERARY COURTHOUSE & BRIDEWELL

MECHANICAL SERVICES INSTALLATION

CCT-JVT-PH1-XX-XX-ST-M-0001 SUMMARY OF TENDER

NOTE:

Contractors tendering for the project shall submit a detailed priced and quantified breakdown of their tender for the Mechanical Works, fully completing all items on the Summary of Tender, without priced Bills of Quantities. Contractors shall include additional entries/breakdowns as necessary to identify all necessary works.

Failure of the Contractor to fully complete the Summary and Form of Tender may render their Tender invalid.

Within five working days of the Contractor receiving notification in writing from the Engineers, the lowest Contractor shall submit sealed Bills of Quantities to the Engineers. The lowest Bill shall be opened and examined by the Engineers and if found to be satisfactory shall be used for the valuation of works completed for payment purposes, and to measure any adjustments to the contract amount should they occur.

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MECHANICAL SERVICES INSTALLATION

CCT-JVT-PH1-XX-XX-ST-M-0001 SUMMARY OF TENDER

MECHANICAL SERVICES TENDER DOCUMENTS

CCT-JVT-PH1-XX-XX-SP-JVT-ME-0001 MECHANICAL SERVICES SPECIFICATION
CCT-JVT-PH1-XX-XX-SH-JVT-ME-0001 MECHANICAL SERVICES SCHEDULE

CCT-JVT-PH1-XX-XX-ST-M-0001 SUMMARY OF TENDER

Directors: J. Lee, S. Walsh, R. Burke, C. Saul, A. Clifford, C. Kelly, D. Conaty
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TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

Item	Description	€ Total
	Element 50-Mechanical Site Services Installation	
50.01	Extend and modify the existing mains water connection to serve the building spaces Refer to DRW *CCT-JVT-PH1-BW-00-DR-M-5300 & CCT-JVT-PH1-CH-00-DR-M-5300*	
50.02	Complete coordination and installation of all builders' works and attendances in relation to all site services, for the completion of the works including of all sleeving and sealing of opes	
50.03	Any other works necessary to complete this section of works. (Contractor must state items)	
	Total Element-50-Mechanical Site Services C/Forward to main summary	

NOTE:
The contractor must appraise themself of the mechanical works specifications & drawings, and shall ensure that his tender sum includes for all works associated with the complete installation of the mechanical services.
The below ground mains water installation up until where it emerges in the building is the design remit of the civil engineer and not the services engineer.

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

Item	Description	€ Total
	Element 51-Mechanical Plant Services Installation	
51.01	Complete supply, installation and commissioning of 1No. air source heat pumps as specified, inclusive of propriety mounting frame, low loss header if required, integral valves, pumps buffer vessel, control sensors, and refrigerant pipework by ASHP supplier	
51.02	Complete supply & installation of insulation and labelling as specified on all internal soil & waste pipes	
51.03	Complete supply and installation of new primary and secondary LPHW circulating pumps.	
51.04	Complete supply & installation of heat and flow meters	
51.05	Complete supply, installation and commissioning of 2No. Cold Water Storage tank including drip tray, ballcock housing, trapped overflows to building exterior, screened vents, access hatches, etc.	
51.06	Complete supply, installation and commissioning of Cold Water Booster Pump Set.	
51.07	Complete supply & installation of plantroom LPHW heating circuit, pipework including low loss headers, valves, supports etc.	
51.08	Complete insulation of above LPHW piping inclusive of valve jackets.	
51.09	Complete supply and installation of strainers, mixing valves, motorised valves, commissioning sets, binder points and drain cocks, valves etc. on heating and water systems	
51.10	Complete supply & installation of pressurisation unit	
51.11	Complete supply and installation of chemical dosing pot	
51.12	Complete installation of hot water expansion equipment, vents etc.	
51.13	Supply and installation of Aluminium Cladding of Plant Room LPHW Heating pipework	
51.14	Any other works necessary to complete this section of works. (Contractor must state items)	
	Total Element-51-Mechanical Plant Services C/Forward to main summary	

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

Item	Description	€ Total
	Element 52-Soils & Waste Installation	
52.01	Complete supply & installation of soils and waste pipework including bracketing, supports, rodding eyes, connection to floor gullies etc	
52.02	Complete supply & installation of insulation and labelling as specified on all internal soil & waste pipes	
52.03	Complete design, supply and installation of High Density Polyethylene (HDPE) Waste pipework (acoustically lined) including bracketing, supports, rodding eyes, fire collars, traps etc.	
52.04	Complete supply & installation of Fire Collars on all Soil Vent and Waste Pipes.	
52.05	Complete connection to all Sanitary Ware Fittings and final connections to white goods.	
52.06	Complete strip out and removal of redundant S&W installation	
52.07	Complete connection to floor gullies (Showers)	
52.08	Complete testing and commissioning of the soils and wastes pipework	
52.09	Any other works necessary to complete this section of works. (Contractor must state items)	
	Total Element-52-Soils & Waste C/Forward to main summary	

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

Item	Description	€ Total
	Element 53-Water Services Installation	
53.01	Complete supply & installation of new hot, cold, mains water services pipework including valves, bracketing, supports, anchors etc.	
53.02	Complete supply and installation of insulation on all the above pipework	
53.03	Complete labelling of all pipework	
53.04	Complete supply and installation of all wall and floor plates and sleeves	
53.05	Complete supply & installation of thermostatic HWSR thermal balancing valves	
53.06	Allow for connections to all new sanitary ware fittings including installation of ballo'fix (Mini-ball) valves & associated copper piping to outlets	
53.07	Complete supply and installation of TMV 3 approved thermostatic mixing valves refer to architects sanitary ware schedule	
53.08	Complete installation of fire extinguishers, fire point signs and extinguisher type signage, as confirmed by consultation with fire extinguisher specialist.	
53.09	Complete supply & installation of water under sink heater units.	
53.1	Complete hydraulic pressure testing of water services pipework installation.	
53.11	Complete testing & balancing of the water services system	
53.12	Complete testing and record generation of new balanced hot water temperature and overall system temperature profile at each outlet	
53.13	Sterilisation of new water services system upon completion	
53.14	Any other works necessary to complete this section of works. (Contractor must state items)	
	Total Element-53-Water Services C/Forward to main summary	

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

Item	Description	€ Total
	Element 56-Heating Services Installation	
56.01	Complete the supply and installation of multicolumn radiators including valves, and control valves (associated TRVs) as indicated on drawings and schedule. (Refer to Schedule of Radiators)	
56.02	Complete the supply and installation of electric radiators as indicated on drawings and schedule. (Refer to Schedule of Radiators)	
56.03	To complete the supply and installation of all LPHW heating pipework installation including, valves, supports etc.	
56.04	Complete supply & installation of UFH system as indicated on drawings & schedule.	
56.05	Complete supply & installation of insulation, aluminium cladding and labelling of all the above LPHW pipework.	
56.06	Complete installation of wall, ceiling plates and sleeves.	
56.07	Complete installation of all isolation valves, strainers, regulating mixing actuated valves, etc on above pipework.	
56.08	Complete labelling of all the above.	
56.09	Complete hydraulic pressure testing of LPHW pipework installation	
56.10	Complete flushing and balancing of the LPHW system	
56.11	Any other works necessary to complete this section of works. (Contractor must state items)	
	Total Element-56-Heating Services C/Forward to main summary	

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

Item	Description	€ Total
	Element 57-Ventilation Services Installation	
57.01	Complete supply and installation of all new ductwork Including VCD's, louvre, supports, and bracketing	
57.02	Complete the supply and installation of extract fans c/w run on timers.	
57.03	Complete supply and installation of all extract air grilles c/w plenum boxes	
57.04	Complete supply and installation of all FSDs & associated panel as indicated on drawings.	
57.05	Complete supply and installation of insulation to all new ductwork	
57.06	Complete labelling of all new ductwork and units	
57.07	Complete testing and commissioning of new ventilation installation and system	
57.08	Any other works necessary to complete this section of works. (Contractor must state items)	
	Total Element-57-Ventilation Services C/Forward to main summary	

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

Item	Description	€ Total
	Element Misc-Miscellaneous Installation	
Misc.01	Production of co-ordinated M & E services drawings.	
Misc.02	Co-ordination of Services with Lead M&E coordinator.	
Misc.03	Testing and Commissioning of the Mechanical installations.	
Misc.04	General Conditions and Preliminaries.	
Misc.05	Health & Safety.	
Misc.06	Compliance Certification.	
Misc.07	O&M Manuals including Hard & Soft Copies of all Documentation.	
Misc.08	Completion Demonstrations to Engineers, Client Demonstrations/Instructing & DVD productions, Seasonal Commissioning and Re-Commissioning as specified.	
Misc.09	BCAR Attendances/Certification.	
Misc.10	Co-ordination of Services with Lead coordinator.	
Misc.11	Closing up certificates for all ceilings – (to be signed by Mech/ Elec contractors, Main Contractor, security alarm installer, AV system installers, Fire stopping contractor and finally Clerk of Works confirming all above ceiling installations are in place and checked/ commissioned prior to installation of suspended ceilings).	
Misc.12	Provision of Record Documents and Drawings as specified (Note Online Safety File Requirements)	
Misc.13	Completion of work in accordance with Phasing Requirements of the project, including out of hours premium works required, in accordance with the Works Requirements.	
Misc.14	Sundries (State Items).	
Misc.15	Any other works necessary to complete this section of works. (Contractor must state items)	
	Total Element-Misc-Miscellaneous C/Forward to main summary	

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MECHANICAL SERVICES INSTALLATION

Item	**SUMMARY TOTALS** **Descriptions**	€ Total
1	Element 50-Mechanical Site Services Installation	
2	Element 51-Mechanical Plant Services Installation	
3	Element 52-Soils & Waste Installation	
4	Element 53-Water Services Installation	
5	Element 56-Heating Services Installation	
6	Element 57-Ventilation Services Installation	
7	Element Misc-Miscellaneous Installation	
	Net Total Ex. VAT	
	VAT	
	Gross Amount of Tender	
	Total	

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

NOTE: Where extra work is required and authorised by the Engineers, it shall be carried out at your Bill of Quantities Rates as agreed at the time of negotiations of this tender, but if applicable rates cannot be deduced, then the following rates shall apply.

Labour:	Contracts Manager	- €	/hr.
	Foreman	- €	/hr.
	4th yr. Apprentice	- €	/hr.
	3rd yr. Apprentice	- €	/hr.
	2nd yr. Apprentice	- €	/hr.
	1st yr. Apprentice	- €	/hr.

These rates shall include all percentages and additions.

Materials:

Nett Cost of Materials plus..... %

NOTE: Contractors tendering must complete each individual item in the above. Failure to fully complete this item may render the tender invalid

Company Seal

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

To **J.V. Tierney & Co.,**
The Tannery,
53-56 Cork Street,
Dublin 8,
D08 P92R

All,
I/We having read the Conditions of Contract and Tender Documents and having examined the Drawings referred to therein and inspected the site of the works do hereby offer to execute and complete in accordance with the Conditions of Contract, the whole of the works described, all to the entire satisfaction of the Engineers, for the following sum, and to enter into a contract accordingly:

Euro € ..... **including Value Added Tax**

I/We agree to carry out and complete the whole of the works together with associated services in accordance with the provisions of the Tender Documentation.

I/We, put forward the following Insurance Company or Society:

.....

as a surety to be bound in a sum equivalent to 12.5% of the Tender for the due and proper completion of the Contract. Included in the Tender is the sum of:

Euro € .....

to cover all costs in connection with the execution of the bond.

These sums include all statutory tariffs, taxes, duties and is exclusive of any discount for prompt payment to the Contractor and exclusive of any commission, trade or other discount.

Note: The Contractor whose tender is under consideration will be expected to show evidence that he is in a position to procure a Bond within two weeks of being required to do so by the Client/Architect/Engineers. Failure to do so may result in the rejection of his Tender and consideration of another.

This tender remains open for consideration for 90 days from the date fixed for the submissions of tenders.

SIGNATURE

.....

NAME OF FIRM

.....

ADDRESS

.....

.....

.....

DATE

.....

JV TIERNEY & CO
MECHANICAL ELECTRICAL & SUSTAINABLE ENGINEERS

TIPPERARY COURTHOUSE & BRIDEWELL
MECHANICAL SERVICES INSTALLATION

SCHEDULE OF MATERIALS

SCHEDULE OF MATERIALS & SPECIALISTS INCLUDED IN TENDER		
Material or Equipment	**Manufacturer / Specialist**	**Delivery**

JVT 1948-2023 CELEBRATING 75 YEARS

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SCHEDULE OF ADDENDUMS

During the course of preparing our tender for the Works detailed in this Summary of Tender and described in the Associated Specification and drawings, the following Addendums were issued by the Engineer and or Architect.

We hereby agree that all costs have been included in our tender for the items detailed in the Addendums, including any costs associated with the addendums as specified below;

SCHEDULE OF ADDENDUMS	
Addendum Number	**Date issued**