

APPENDIX C3 – UNIT RATE DICTIONARY

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APPENDIX C3 – UNIT RATE DICTIONARY

1 DEFINITIONS

In this Schedule, in addition to the definitions set out in Contract Documents, the following definitions shall apply throughout this Appendix C3:

- (a) “Supply” of materials will be deemed to include all of the following: the combined Contractor cost of procurement services, management, engineering and any support services for the total delivered cost of material or equipment. Procurement services include the Contractor’s costs in the preparation of Material Take-Off’s (MTO’s), compilation of technical or commercial requisition packages, performance of all procurement activities including the conducting of bidding, evaluations, clarifications, award recommendation and placement of purchase orders, subcontracts, subsequent expediting and inspection, co-ordination of all forwarding, all transportation, and delivery to site including arranging insurances, port duties and customs clearance and taking delivery, unloading, examining, all handling and accepting materials into Contractor’s control with subsequent storage and preservation and maintaining records and all necessary liaison with Owner in accordance with the agreed procurement procedures. Supply of materials or Equipment will also be deemed to include the cost to Contractor for all vendor supply charges, insurance, freight and transportation charges up to and including delivery to Site, including all customs fees and duties, customs inspections and port tariffs and handling and transfer charges payable.
- (b) “Fabricate” includes taking delivery, unloading, examining, removing protective devices and/or coatings, all handling, maintaining records, including full material traceability, preparation of necessary fabrication drawings, sketches and calculations, identifying and removing material from storage, setting out, preparing, cutting, prefabricating into sub units, supply of all consumables, QA/QC inspection, testing, except where separate provision has been made within the unit rates, transportation to the area of erection or other specific location.
- (c) “Erect” or “Install” or “Assemble” or “Fix” or “Apply”, includes taking delivery, unloading, examining, removing protective devices and/or coatings, all handling, maintaining records, identifying, transporting to the area of erection or other specific location, hoisting and loading into position, trial fit, temporary supporting and permanent erection/installation in final position, supply of all consumables, QA/QC inspection, testing, except where separate provision has been made within the unit rates, dismantling and clearing away temporary support structures.
- (d) “Scaffolding for the Work” is deemed to be included in the rates for providing, erecting, maintenance and dismantling, including altering from time to time as may be required , all scaffolding and staging necessary to carry out, test and complete such Work. Contractor shall note that certain scaffolding may be required to enable Owner to perform inspections, tests, commissioning and the like and should Contractor remove any scaffolding before ascertaining whether it is required for this purpose, Contractor must re-erect, maintain and dismantle such scaffolding if so required by Owner, at Contractor’s own expense. A corresponding unit rate for scaffolding is included in Appendix C5 (*Unit Rate Tables*) in the event scaffolding is required separate from unit rate work.

- (e) "Nominal Pipe Size" shall mean the internal diameter of pipe up to and including 12" and external diameter of pipe larger than 12". Tubes are described by external diameter.
- (f) "N.e". or "not exceeding" shall mean up to and including.
- (g) "WBS" means Work Breakdown Structure.
- (h) The definitions have inclusive interpretation and meaning when used together in the same item description in the unit rates, i.e. "Fabricate and Erect" and shall include everything necessary to carry out the Work as described.
- (i) Any description, definition, or reference contained elsewhere within this Schedule of Unit Rates shall not limit or qualify the definitions as stated in above this Appendix C3.

2 GENERAL

- (a) The unit rates are to be based on the scope of Work and quantities in accordance with the Contract Documents.
- (b) All costs that are reasonably inferable as required to perform the Work applicable to the unit rate will be deemed to be included in such unit rate and no claim shall be made by Contractor on the grounds of deficient description or that further operations or costs other than those itemized or described are necessary to complete the Work item described, shown and or inferred in the Scope of Work and the Contract Documents.
- (c) The unit rate will be the full and only amount payable by Owner to Contractor for the completed item of Work and shall apply equally to additions to, or omissions from, the Work. Supply of materials is included in these rates, except where specifically noted. No additional reimbursement shall be accepted by the Owner for Work that is deemed to be included in the rates charged to Owner.
- (d) Where rates for items are stated by Contractor as '0.00' within the unit rates, then the costs for such items are deemed to be included in the rates for other items within the unit rates.

3 ABBREVIATIONS AND TERMS

- (a) The following abbreviations shall apply throughout the unit rates:

Description	Abbreviation
Cubic meters	CM
Square meters	SM
Linear meters	M
Millimeters	mm
Square millimeters	mm2

Description	Abbreviation
Kilograms	kg
Metric tons	T
Number	No
Inches	in(")
Diameter	dia
Schedule	sch
Wall thickness	w.t.
Not exceeding	n.e.
Per day	Day (24 hours unless stated otherwise)
Hour(s)	Hr(s)
Week	Wk (7 days)
Lump sum	LS
Provisional sum	PS
Cross sectional area	C.S.A
Month	Mo (Calendar)
Outside diameter	OD
Inside diameter	ID
Issued for construction	IFC
Safe working load	SWL
Non-destructive testing	NDT
Non-destructive examination	NDE

4 RATES AND PRICES

- (a) The rates shall include variable costs to complete the Work with respect thereto, including wages, salaries and payroll burdens, including annual and public holidays and sick pay, industrial training levy and severance payment contributions, bonus payments, incentive payments, overtime, shift premiums, non-productive time including shift change, overtime, weather downtime, meal breaks and travelling time, expenses and fares, transportation allowances, accommodation and messing, transportation directly associated with the work whether within a specific worksite or between worksites, qualification payments, fares and expenses, labor insurances, pensions and all other emoluments made under national or local agreements, all government contribution(s), taxes (corporation, capital gains, turnover, income or other taxes) and regulation requirements, safety training, safety and welfare requirements, protective clothing, training, provision of all necessary work Permits, Permit approvals, facilities, job training, indications, material traceability where identified in the item description, consumables, temporary works and facilities, transport, haulage, maintenance and running costs of Equipment,, small tools, lighting, electricity, air, water (except as required to be provided by Owner), gas, fuel, oil, grease, samples, inspection, testing and pre commissioning and/or mechanical completion activities, welding procedures, welder

qualifications, cleaning and clearing up, repairing Defective Work, protection and maintenance of completed Work, establishment charges, Subcontractor and consultation costs, including all support and attendance necessary by Contractor, all associated financing costs, guarantees, licenses, agent fees, financing, insurances, liabilities, obligations, risks and profit required for the Work.

- (b) The rates include all Equipment, temporary works, fabrication aids, fabricating and erecting temporary supports and effectively staying and supporting all items as necessary during fabrication and erection and subsequently dismantling and clearing away all necessary temporary works and temporary supports.
- (c) The rates include any element of cost imposed by compliance with this Appendix C3.
- (d) If, during the valuation rates there is no applicable rate or sum contained in the unit rates for any given item, then Contractor may request Owner to consider inclusion of a new rate or sum to be calculated from an existing rate or sum for similar or analogous work contained within the unit rates. Should there be no similar or analogous item, the new rate shall be calculated from analysis agreed upon by Owner and Contractor based on the same labor, material and profit as contained in the unit rates. Contractor shall provide sufficient detail as requested by Owner to demonstrate that the pricing methods used for the new rates are compatible with those used for constructing the rates contained in the unit rates. Once agreed upon between the Parties, the new rates shall be included in the Contract Document. Should no agreement be reached on the new unit rates or sum, then Owner shall ascertain the amount thereof and this shall be included in the Contract Document.
- (e) All rates are independent and stand-alone unless specifically stated to the contrary herein, thus only one unit rate shall apply to any item of measured Work, except where specifically stated otherwise.
- (f) The rates include the supply of all consumables associated with the nature of the Work to be executed.
- (g) The rates include the supply of all construction spares as required for the Work.
- (h) The rates include costs for royalties, duties, license fees, know-how fees, usage of proprietary information, research and development (including but not limited to, those related to the development of computer systems) corporate and administrative services such as legal, advertising, recruiting, general procurement, corporate accounting, marketing, industrial relations, sales and their related office costs.
- (i) Contractor may make no claim or submission for additional costs based upon its failure or inability to price an item of Work identifiable from the Drawings and Specifications, or other parts of the Contract Document.
- (j) The rates exclude;
 - (i) the costs of any Owner Responsibilities;
 - (ii) any costs included in the Fixed Price Portion; and

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(k) The unit rates are not subject to variation for the duration of this Contract.