



Reko Diq Mining Company (Private) Limited
and

[INSERT NAME OF PARTY]

2270-1510 – CONSTRUCTION WATER PIPELINE INSTALLATION

SCHEDULES

Schedules

Table of contents

Form of Parent Company Guarantee	4
Form of Performance Security	9
Form of Advance Payment Guarantee	12
Specification	15
Contract Price	16
Milestones	64
List of approved subcontractors	67
Company's Standards	68
Fiscal Terms	75
Local Content Requirements	76
Daywork Schedule	77
Schedule of Contractors Documents	83
Project Execution Plan	86
Temporary Facilities	87
Contractor's Equipment	88
Project Organisation Structure and Key Personnel	89
List of Permanent Equipment and Materials	90

Schedules

Fabrication Facility	91
Schedule of Insurance Advise	92

Schedule 1

Form of Parent Company Guarantee

THIS PARENT COMPANY GUARANTEE ("Guarantee") is made this [insert day] day of [insert month], 20[●]
BETWEEN:

- (1) [INSERT NAME OF GUARANTOR], a company organized and existing under the laws of [insert state], [insert country], with principal offices located [insert address] (the "**Guarantor**"); and
- (1) **Reko Diq Mining Company (Private) Limited** a company registered in Pakistan with Registration No. 0041922 of Office 5 to 9, Mezzanine Floor, Block 90, Razia Sharif Plaza, Blue Area, Islamabad, 44000, Pakistan (the "**Company**").

WHEREAS:

- (A) The Guarantor acknowledges that [insert Contractor's commercially registered name] (the "**Contractor**") has entered into a contract with the Company (Contract Number: [insert no.]) (the "**Contract**") for the Contractor to execute and Complete the Works under the Contract, on behalf of the Company, at the Site located on the premises of the Company (the "**Project**");
- (B) The Guarantor, as the direct or indirect owner of all of the capital stock of the Contractor, will benefit from the Contractor's entry into the Contract and has agreed to irrevocably and unconditionally guarantee to the Company the due performance of the Contract by the Contractor, as set out below; and
- (C) It is a Condition Precedent to the Commencement Date (under and as that term is defined in the Contract) that the Guarantor executes and delivers to the Company this Guarantee.

NOW, THEREFORE, in consideration of the promises and the agreements herein, the Guarantor, as principal obligor, hereby irrevocably and unconditionally agrees and guarantees to the Company as follows:

1. Capitalized terms contained in this Guarantee and not otherwise defined shall have the same meaning as is given to them in the Contract.
2. The Guarantor hereby irrevocably and unconditionally guarantees to the Company:
 - a) all of the duties, obligations, undertakings and covenants of the Contractor, which are contained in the Contract, in full compliance with the relevant provisions of the Contract (the "**Obligations**");
 - b) that it shall ensure the Contractor's due performance under the Contract, to ensure that all applicable conditions and requirements of the same are fully met by the Contractor; and
 - c) the satisfaction of any judgment or decision (including in respect of interest) of any court, adjudicator or Competent Authority in respect of the Obligations and/or the Contractor's liability to the Company in respect thereof.
3. Without limiting paragraph 2 above, the Guarantor undertakes that, whenever the Contractor does not pay any amount when properly due under or in connection with the Contract, the Guarantor shall immediately, on demand by the Company, pay that amount as the principal obligor.
4. Except in relation to any costs, fees and reasonable expenses incurred by the Company in connection with the Company seeking to enforce any of the matters referred to in paragraphs 2 and 3 above, in respect of which the Guarantor hereby agrees to indemnify and hold the Company harmless, and subject to sub-paragraphs g) and h) below, the Guarantor shall have no greater liability under this Guarantee than it would have had, had it been jointly and severally liable with the Contractor under the Contract.
5. If the Contractor fails to perform the Obligations, commits a breach of the Contract or otherwise assumes any liability under the Contract, the Guarantor will indemnify and hold the Company and its personnel harmless against and will satisfy any and all losses and interest whatsoever that Company

may incur, which are caused by, arise from or are a consequence of any such breach of assumption of liability by the Contractor.

6. The Guarantor understands and accepts that it shall not be released or discharged from any of its obligations under this Guarantee, or any liability under this Guarantee, by or as a result of the occurrence of any one of or the combination of any of the following events or circumstances, whether with or without Guarantor's knowledge or consent:
 - a) an amendment of the Contract agreed between the Company and the Contractor, any alteration to any provision of the Contract or any Variation to the Works (however fundamental and whether or not more onerous);
 - b) any indulgence, grace period, neglect, delay, forbearance, waiver, EOT or other compromise agreed between the Company and the Contractor, any concession granted by the Company to the Contractor under the Contract or any failure in enforcing the observance or performance, by the Contractor, of any of its Obligations under the Contract;
 - c) any delay or failure by the Company to enforce its rights against the Contractor under the Contract, or against the Guarantor under this Guarantee;
 - d) any termination of the Contract by the Company or the Contractor;
 - e) the assignment of the benefit of the Contract or the novation/transfer of the Contract by the Company to a third party;
 - f) the taking, by the Company, of any other security in respect of the Obligations or liability of the Contractor pursuant to the Contract (or the full or partial release of any such security);
 - g) the unenforceability, illegality or invalidity of any of the Obligations or any provision of the Contract;
 - h) any incapacity or lack of power of, lack of authority or legal personality of, the dissolution of or change in the shareholding of the Guarantor in, or the relationship between, the Contractor and/or the Guarantor;
 - i) any Change in Control of the Contractor (defined as an acquisition by one body corporate, partnership or other entity (either separately or together with its affiliates) to direct or cause the direction of the management and policies of such entity, directly or indirectly, whether by way of ownership of voting shares, proxy, contract agency, membership or partnership interests, by contract or otherwise, to obtain control of the Guarantor);
 - j) any change in the name, constitution or composition of the Guarantor or the Contractor; or
 - k) any other act, omission, matter or thing whatsoever, whereby but for this provision the Guarantor would or may be exonerated, either wholly or in part (other than a release given in writing entered into by way of deed by the Company with the Guarantor) from its obligations under this Guarantee.
7. The Guarantor hereby further covenants with the Company that if the Contractor goes into bankruptcy, liquidation or any other, similar insolvency proceeding is instituted in respect of the Contractor, and any obligation or liability of the Contractor under the Contract is disclaimed, then the liability of the Guarantor under this Guarantee shall remain in full force and effect, including in respect of any losses related to such bankruptcy, liquidation or other insolvency proceedings.
8. The Guarantor hereby authorizes the Contractor to agree to any amendment to, or Variation under, the Contract, the due performance of which and compliance with which by the Contractor are likewise guaranteed hereunder.
9. The Company, in the enforcement of its rights hereunder, may proceed to make a claim directly against the Guarantor as if it were named as the Contractor in the Contract. The Guarantor hereby waives any right to require the Company to proceed against the Contractor or to pursue any other remedy whatsoever which may be available to the Company before proceeding against the Guarantor.
10. Without limiting the foregoing, the Guarantor, as a separate, additional and continuing obligation, unconditionally and irrevocably undertakes with the Company that, should the Contractor fail to perform any of its Obligations, it will, as a separate, original and independent principal obligation, make payment to the Company on demand, by way of a full indemnity, of such amounts which it is

liable for in accordance with this Guarantee, in such currency and otherwise in such manner as is provided for in the Contract.

11. This Guarantee is a continuing guarantee and shall remain in full force and effect until the earlier of:
 - (i) such time as all of the Obligations of the Contractor have been fulfilled, including the Remedial Work by the Contractor and the discharge of all of its warranty liabilities under the Contract; or (ii) such time as the Guarantor and the Company mutually agree to terminate this Guarantee.
12. Until all of the Obligations of the Contractor have been irrevocably performed and/or discharged in full, the Guarantor shall not:
 - a) by virtue of or in respect of any payment made, security realized or monies received for or on account of the Guarantor's liability under this Guarantee, be subrogated to, benefit from, succeed to or share in any rights, security or monies held or received by the Company, be entitled to any right of contribution or claim any right of indemnity or be entitled to exercise any other rights or legal remedies; or
 - b) claim or prove, whether as a creditor or otherwise, in competition with the Company in respect of any monies owing to the Guarantor by the Contractor in the event of any bankruptcy, liquidation or other insolvency proceedings relating to the Contractor; and
 - c) the Guarantor shall give the Company the benefit of each such claim and proof of all the monies to be received in respect thereof and in the meantime hold the same in trust for the Company; and
 - d) in the event the Guarantor receives any sums from the Contractor in respect of any payment of the Guarantee hereunder, the Guarantor shall hold such monies in trust for the Company for so long as any sums are payable (contingently or otherwise) under this Guarantee in relation to the Contract.
13. For the benefit of the Company and the Contractor, the Guarantor waives any right or remedy that it has, or may have, to subrogation, indemnification or payment on any other basis by the Contractor and any other remedy against the Contractor (each a **"Relevant Right"**), by reason of or in connection with the performance of the Guarantor's obligations under this Guarantee or in connection with the Obligations, in circumstances where the Contractor promotes, enters into or implements a voluntary arrangement or formal scheme of arrangement or any analogous procedure in any jurisdiction. Damages shall not be an adequate remedy for the Company or the Contractor in respect of a breach of this paragraph 13 and the parties shall consent to any application brought by the Company or the Contractor for injunctive relief, in order to prevent any such Relevant Right being enforced.
14. The Guarantor shall not hold any security from the Contractor without the prior written consent of the Company. The Guarantor shall be deemed to hold any security held in breach of this paragraph 14, in trust for the Company.
15. All sums payable under this Guarantee shall be paid in full without set-off or counterclaim and free and clear of, and without deduction of, or withholding for, any present or future taxes.
16. The Company shall be entitled at any time to assign, novate and/or transfer the benefit of this Guarantee, by way of security and to any party to whom benefit of the Contract is assigned, novated and/or transferred (as the case may be), without the consent of the Guarantor being required. Notice of any such assignment, in accordance with this Paragraph 16, shall be delivered to the Guarantor by the Company.
17. All notices, including any notice provided to the Guarantor regarding any event of default and/or cure period, and other communications provided for hereunder, shall be transmitted and deemed received using any of the methods set out under Sub-Clause **Error! Reference source not found. [Error! Reference source not found.]** of the Contract.
18. This Guarantee shall be governed by the laws of England and Wales and any dispute under this Guarantee shall be finally settled, in accordance with Clause **Error! Reference source not found. [Disputes]** of the Contract, which shall be deemed to be incorporated into this Guarantee (with any reference, in Clause **Error! Reference source not found. [Disputes]** of the Contract, to the **"Parties"** to be deemed to be a reference to the Company and the Guarantor, any reference to the **"Contractor"** to be deemed to be a reference to the **"Guarantor"**, any reference to the **"Company's"**

Representative to be deemed to be a reference to the **"Company"** and any reference to the **"Contract"** deemed to be a reference to this Guarantee).

19. Subject to the requirements for service of process under any Laws of the Country then in force, in any action or legal proceeding commenced by the Company to enforce any provision of and this Guarantee, the Company may effect service of process by delivery of process to Guarantor's agent for service of process in England. The Guarantor hereby irrevocably appoints [Insert name of agent for service of process] as its agent to receive, for it and on its behalf, service of process in any action or other legal proceeding commenced in England, arising out of or relating to this Guarantee. Service upon the Guarantor shall be deemed Completed upon delivery to the process agent, whether or not (or when) it is forwarded to or received by the Guarantor. If for any reason a process agent appointed hereunder ceases to be able to act as such or no longer has an address in England, as the case may be, then the Guarantor irrevocably agrees to appoint a substitute process agent acceptable to the Company and to promptly deliver to the Company a copy of the new agent's acceptance of that appointment. Nothing set out in this paragraph 18 shall affect, or be construed to affect, the Company's right to serve process in any other manner permitted by applicable Laws.
20. To the fullest extent permitted by applicable Laws, each of the Company and Guarantor waives the right to trial by jury or judge in any action or other legal proceeding (including any counterclaim) arising out of or relating to this Guarantee.
21. No amendment of any provision of this Guarantee shall be effective unless it is in writing and signed by the Guarantor and the Company, and no waiver of any provision of this Guarantee, and no consent to any departure by the Guarantor therefrom, shall be effective unless it is in writing and signed by the Company (and then such waiver or consent shall be effective only in the specific instance and for the specific purpose for which given).
22. No failure on the part of the Company to exercise, and no delay in exercising, any right under this Guarantee shall operate as a waiver thereof, nor shall any single or partial exercise of any right preclude any other or further exercise thereof or of any such right or other right.
23. The rights and remedies of the Company provided under this Guarantee are cumulative and are in addition to, and not exclusive of, any rights or remedies provided by Law.
24. Any provision of this Guarantee that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability, without invalidating the remaining portions this Guarantee or affecting the validity or enforceability of such provision in any other jurisdiction.
25. None of the rights or obligations of the Guarantor under this Guarantee may be assigned or otherwise transferred by the Guarantor without the prior written consent of the Company, which shall not be unreasonably withheld.
26. This Guarantee is and shall be binding on and inure to the benefit of the Guarantor and the Company, and their respective successors, permitted assigns and novatees.
27. This Guarantee may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one in the same agreement. Delivery by electronic transmission of an executed counterpart of a signature page to this Guarantee shall be effective as delivery of an original executed counterpart of this Guarantee.

IN WITNESS WHEREOF, Guarantor and the Company have caused this Guarantee to be duly executed as of the date of signature of the last party to sign this Guarantee.



**Duly Authorized
for and on behalf of the Guarantor:**

By: _____

Name: [insert name of authorized signatory for Guarantor]

Title: [insert employment title of authorized signatory of Guarantor]

Date: [insert signature date]

**Duly Authorized
for and on behalf of the Company:**

By: _____

Name: [insert name of Company's authorized signatory]

Title: [insert employment title of Company's authorized signatory]

Date: [insert signature date]

END OF Schedule 1

Schedule 2

Form of Performance Security

[insert date]

Reko Diq Mining Company (Private) Limited
Office 5 to 9
Mezzanine Floor, Block 90, Razia Sharif Plaza, Blue Area,
Islamabad, 44000, Pakistan

RE: Performance Security No: [Insert number] dated [Insert date]

Dear Sir/Madam:

1. In consideration of the [#insert Contractor name] (the "**Contractor**") entering into Contract No. [insert no.] (the "**Contract**"), for the [insert Project] (the "**Project**") with Reko Diq Mining Company (Private) Limited (the "**Company**") we, [insert name of Qualifying Surety] (the "**Qualifying Surety**") hereby irrevocably and unconditionally guarantee payment to the Company, in accordance with the terms and conditions of this Performance Security (or replacement Performance Security) (as the case may be), the amount of [Insert Performance Security Amount in words] US Dollars [USD\$[Insert amount]] (the "**Performance Security Amount**") in respect of Consultant's performance of the Contract.
2. In consideration of the Company entering into the Contract with the Contractor we, the Qualifying Surety, hereby irrevocably and unconditionally promise and undertake (as primary obligor) to pay the Company on its first written demand the amount or amounts not exceeding in aggregate the Performance Security Amount upon the following terms:
 - a) A demand under this Performance Security (or replacement Performance Security) (as the case may be) must be served in the form set out in Annex I before the Expiry Date (as defined in clause 5 below), which shall be accepted as conclusive evidence for all purposes under this Performance Security; and
 - b) Payment by the Qualifying Surety of the sum demanded shall be made to the Company within five (5) Days after receiving a demand (and, for the purposes of this Performance Security (or replacement Performance Security) (as the case may be)).
3. Payments due under this Performance Security or replacement Performance Security (as the case may be) shall be made notwithstanding any dispute between the Company and the Contractor and whether the Company and the Contractor are or might be under any liability one to the other. Payment by the Qualifying Surety under this Performance Security (or replacement Performance Security) (as the case may be) shall be deemed a valid payment for all purposes of this Performance Security (or replacement Performance Security) (as the case may be) and shall discharge the Qualifying Surety from liability to the extent of such payment.
4. The Qualifying Surety consents and agrees that the following actions by the Company may be made and done without requiring notice to be given to, or consent to be required to be sought from, the Qualifying Surety and without in any way affecting, changing or releasing the Qualifying Surety from its obligations under this Performance Security (or replacement Performance Security) (as the case may be) (and the Qualifying Surety's liability hereunder shall not in any way be affected thereby):
 - a) any waiver by the Company of any of the terms, provisions, conditions, obligations and agreements of the Contractor or any failure to make demand upon or take any action against the Contractor;
 - b) any modification or changes to the Contract; and/or
 - c) the granting of any extensions of time to Contractor.
5. The Qualifying Surety's obligations under this Performance Security (or replacement Performance Security) (as the case may be) shall cease on [Insert Contract Expiry Date] (the "**Expiry Date**") and any claims hereunder must be received by the Qualifying Surety on or before such date.



6. This Performance Security (or replacement Performance Security) (as the case may be) is neither negotiable nor transferrable and is restricted to the payment of money only.
7. This Performance Security (or replacement Performance Security) (as the case may be) is governed by, and shall be construed in accordance with, the laws and regulations of England and Wales.

Duly authorized for and on behalf of Qualifying Surety:

By: _____

Name: *[insert authorized signatory for Qualifying Surety]*

Title: *[insert employment title for authorized signatory for Qualifying Surety]*

Date: *[insert signature date]*

END OF Schedule 2



Schedule 2 - Annex I

Form of Notice of Demand for Performance Security and replacement Performance Security

[Insert date]

[Insert Name of Bank]

[Insert Address of Bank]

Re: [Performance Security] or [replacement Performance Security]

Contract No.: [insert no.]

NOTICE OF DEMAND

Dear Sir/Madam:

This is a demand under the Performance Security (or replacement Performance Security) (as the case may be), issued by [Insert name of bank] to [●] located at [●], [●] (the "**Contractor**"), in relation to the Contract Number: [insert no.] for the [insert Project] (the "**Project**") with Reko Diq Mining Company (Private) Limited (the "**Company**") dated [insert [Performance Security] or [replacement Performance Security] issuance date] (the "**Contract**").

Please be advised that the Company demands payment, pursuant to the above referenced Performance Security (or replacement Performance Security) (as the case may be), in the amount of [Insert Performance Security Amount in words] US Dollars [USD\$[Insert amount]], in accordance with the terms thereof, no later than 10:00 a.m. on [Insert date]. One of the following payment methods shall be specified by Company:

1. Prepare a check, for the amount referred to above, payable to the Company for collection by our representative, [Insert name].
2. Transfer the amount referred to above to Account No. [Insert Account No.] and Account Name [Insert Account Name] maintained at your bank and provide the Company with a credit advice.
3. Transfer the amount referred to above to Account No. [Insert Account No.] and Account Name [Insert Account Name] maintained at your bank and provide the Company with a copy of the transfer instructions.

Reko Diq Mining Company (Private) Limited

By: _____

[Insert name]

Reko Diq Mining Company (Private) Limited

Office 5 to 9

Mezzanine Floor, Block 90, Razia Sharif Plaza, Blue Area,

Islamabad, 44000, Pakistan

END OF Schedule 2 - ANNEX I

Form of Advance Payment Guarantee

Date: [Insert date]

Controller

Reko Diq Mining Company (Private) Limited
Office 5 to 9
Mezzanine Floor, Block 90, Razia Sharif Plaza, Blue Area,
Islamabad, 44000, Pakistan

Advance Payment Guarantee No: [Insert Guarantee number] dated [Insert date]

Dear Sir/Madam:

1. In consideration of **Reko Diq Mining Company (Private) Limited** (the "**Company**"), entering into Contract Number: [Insert] (the "**Contract**"), for the [insert Project] with [insert Contractor] (the "**Contractor**") we, [Insert name of Qualifying Surety name] ("**Qualifying Surety**") hereby irrevocably and unconditionally guarantee payment to the Company, in accordance with the terms and conditions of this Advance Payment Guarantee, the amount [Insert Guarantee Amount in words] US Dollars [USD\$[Insert amount]], (the "**Guarantee Amount**") in respect of Contractor's performance of the Works under the Contract.
2. In consideration of the Company entering into the Contract with the Contractor we, the Qualifying Surety, hereby irrevocably and unconditionally promise and undertake (as primary obligor) to pay the Company on its first written demand the amount or amounts not exceeding in aggregate the Guarantee Amount upon the following terms:
 - (a) A demand under this Advance Payment Guarantee must be served in the form set out in Annex I before the Expiry Date (as defined in clause 5 below), which shall be accepted as conclusive evidence for all purposes under this bond;

Payment by the Qualifying Surety of the sum demanded shall be made to the Company within 3 Business Days after receiving a demand (and, for the purposes of this Advance Payment Guarantee, "Business Day" shall mean a day on which banks are open for business in [Islamabad, Pakistan / Balochistan Province, Pakistan / Karachi, Pakistan]).
3. Payments due under this Advance Payment Guarantee shall be made notwithstanding any dispute between the Company and the Contractor and whether or not the Company and the Contractor are or might be under any liability one to the other. Payment by the Qualifying Surety under this Advance Payment Guarantee shall be deemed a valid payment for all purposes of this Advance Payment Guarantee and shall discharge the Qualifying Surety from liability to the extent of such payment.
4. The Qualifying Surety consents and agrees that the following actions by the Company may be made and done without requiring notice to be given to, or consent to be required to be sought from, the Qualifying Surety and without in any way affecting, changing or releasing the Qualifying Surety from its obligations under this Advance Payment Guarantee (and the Qualifying Surety's liability hereunder shall not in any way be affected thereby):
 - (a) any waiver by the Company of any of the terms, provisions, conditions, obligations and agreements of the Contractor or any failure to make demand upon or take any action against the Contractor;



- (b) any modification or changes to the Contract; and/or
 - (c) the granting of any extensions of time to Contractor.
- 5 The Qualifying Surety's obligations under this Advance Payment Guarantee shall cease on [Insert Expiry Date] (the "**Expiry Date**") and any claims hereunder must be received by the Qualifying Surety on or before such date.
- 6 This Advance Payment Guarantee is neither negotiable nor transferrable and is restricted to the payment of money only.
- 7 This Advance Payment Guarantee is governed by, and shall be construed in accordance with, the laws and regulations of England and Wales.

Duly authorized for and on behalf of Qualifying Surety:

By: _____
Name: [insert authorized signatory for Qualifying Surety]
Title: [insert employment title for authorized signatory for Qualifying Surety]
Date: [insert signature date]

END OF Schedule 3

SCHEDULE 3 - ANNEX I

FORM OF NOTICE OF DEMAND - ADVANCE PAYMENT BOND

Date: [Insert date]

[Name of Bank]

[Address of Bank]

Re: Advance Payment Bond

Contract No.: [insert no.]

FORM OF NOTICE OF DEMAND

Dear Sir/Madam:

This is a demand under the Advance Payment Guarantee issued by [Insert name of bank] to Reko Diq Mining Company (Private) Limited (the "**Company**") in relation to Contract Number: [Insert] for the [Insert Project] with [insert Contractor] (the "**Contractor**") dated [Insert guarantee issuance date] (the "**Contract**").

Please be advised that the Company demands payment, pursuant to the above referenced Advance Payment Guarantee, in the amount of [Insert Advance Payment Guarantee Amount in words] US Dollars [USD\$[Insert amount]], in accordance with the terms thereof, no later than 10:00 a.m. on [Insert date]. One of the following payment methods shall be specified by Company:

1. Prepare a check, for the amount referred to above, payable to Reko Diq Mining Company (Private) Limited for collection by our representative, [Insert name].
2. Transfer the amount referred to above to Account No. [Insert Account No.] and Account Name [Insert Account Name] maintained at your bank and provide the Company with a credit advice.
3. Transfer the amount referred to above to Account No. [Insert Account No.] and Account Name [Insert Account Name] maintained at your bank and provide the Company with a copy of the transfer instructions.

Reko Diq Mining Company (Private) Limited

By: _____
[Insert name]

Controller
Reko Diq Mining Company (Private) Limited
Office 5 to 9
Mezzanine Floor, Block 90, Razia Sharif Plaza, Blue Area,
Islamabad, 44000, Pakistan

END OF Schedule 3 – ANNEX I

Schedule 4

Specification

- 1 Schedule 4 [Specification] describes the Company's requirements and, as incorporated by reference to the link below as if they are fully stated in this Schedule 4, the Specification, Drawings and the Bill of Quantities, and including any attachments, documentation and/or material referred therein.
- 2 The Company's requirements, Specification, Drawings and Bill of Quantities represent the minimum requirements to which the Contractor must adhere in performing the Works. The Company, in its sole discretion, may add additional documentation and material to the list set out below, as necessary, during the execution and performance of the Works.
- 3 The Contractor shall be solely responsible for obtaining from the Company all existing current statement of requirements, the Specification, Drawings, Bill of Quantities, Standards, manuals and other documentation, as may be required by it in order to inform the Contractor's performance of the Works.
- 4 The Contractor shall perform the Works in their entirety (except where indicated, if at all, as "Optional in the Company Discretion") in accordance with the Project documents, specified in this Schedule 4 [Specification] and the terms and conditions of the Agreement.

Refer to document 2270-1510 - Section 3 Scope of Work

END OF Schedule 4

Contract Price

Schedule 5.1

Contract Price and Preambles

1 Contract Price Summary

The total Contract Price reflected in this Contract Price Summary represents an estimate of the value of Works and does not reflect the actual Contract Price to be compensated to the Contractor. Compensation to the Contractor for full and complete performance of Works shall be calculated in accordance with the terms of the Pricing Schedule as described hereafter.

Table 5.1.1 - Contract Price Summary

Item	Description	Unit	Total (USD)
Separable Portion 1 – Construction Water Borefield Pipeline			
A2	Preliminaries		
A5.1	Earthworks		
A5.4	Pipework		
A5.5	Electrical		
	Total Separable Portion 1		
Separable Portion 2 - Construction Water Transfer Pipeline			
A2	Preliminaries		
A5.1	Earthworks		
A5.4	Pipework		
A5.5	Electrical		
	Total Separable Portion 2		
Separable Portion 3 – Construction Water Pumping & Pipeline Supporting Infrastructure			
A2	Preliminaries		
A3.1	Mechanical Equipment		
A3.2	Tanks & Platework		
A5.1	Earthworks		
A5.2	Concrete		

A5.3	Steelwork		
A5.4	Pipework		
A5.5	Electrical		
	Total Separable Portion 3		
Whole Works			
A2	Preliminaries		
A3.1	Mechanical Equipment		
A3.2	Tanks & Platework		
A5.1	Earthworks		
A5.2	Concrete		
A5.3	Steelwork		
A5.4	Pipework		
A5.5	Electrical		
	Total Whole Works		

The Tenderer shall submit the Pricing Schedule in the exact format in which it is included within this Schedule. The Company will not accept changes to the descriptions with the exception where the Tenderer is invited to nominate other items.

The Tenderer is advised that the Company reserves the right to award all or separable portions of the Works to one or more successful Tenderer. The Tenderer shall ensure that its tender submission reflects this requirement, particularly in regard to costs of preliminaries. No additional costs shall be allowed to the successful Tenderer as a result of the Company exercising its right in this regard. Therefore, the Work may be executed by either of the following.

Whole of the Work

The Tenderer is requested to submit the Pricing Schedule for the whole of the Work, where all separable portions are awarded to one Contractor, as stipulated in the Scope of Work.

Separable Portions

The Tenderer is also requested to submit the Pricing Schedule for the Scope of Work being treated as separable portions, where the Company shall have the sole right to determine which portion of the Work will be awarded to the successful Tenderer. The separable portions of Work are as stipulated in the Scope of Work.

2 Preamble to the Schedules

This is a lump sum and schedule of rates Contract. The Contractor shall execute the Works under the Contract for the lump sum amounts and unit rates set out herein.



The lump sum amounts and unit rates appearing in the Pricing Schedule shall be fixed and firm for the duration of the Contract and shall not be subject to variation or change of any nature.

The description of Works in the Pricing Schedules is not necessarily complete in all respects and reference should be made to the documents constituting the Contract which are to be read in conjunction with the Pricing Schedules.

The lump sum amounts and unit rates contained in the Pricing Schedules shall be the full inclusive cost of carrying out all of the Contractor's obligations under the Contract and all matters, things and items of expense necessary for the proper performance of the Works, stated or implied, but exclusive of any GST. Lump sum amounts and unit rates for direct work shall not include costs for items included in preliminaries.

The lump sum amounts and unit rates for each item of the Works are inclusive of temporary, incidental or prerequisite work unless such work is included elsewhere in the Pricing Schedules.

The lump sum amounts and unit rates set against individual items of Works shall apply to that item as a whole irrespective of any requirements to carry out that item of Works in stages and/or more or less difficult locations and/or larger portions.

The Contractor is responsible for performing the Works in accordance with the approved Works program. The Contractor is also responsible for estimating, costing and managing productivity levels. Productivity variances or additional cost amounts incurred, including those resulting from rescheduling activities or from utilising additional resources to maintain or recover the approved Works program or from complying with the Contract shall not be a basis whatsoever to claim a variation, additional amounts, additional quantities or extra over rates to the lump sum amounts or unit rates set out herein.

A lump sum amount or unit rate shall be entered against each item in the Pricing Schedules. Items against which no lump sum amount or unit rate is entered will be considered as covered by other lump sum amounts or unit rates in the Pricing Schedules.

Works for which no separate item is listed in the Pricing Schedules, but which is inferred from or referred to in the Contract and is required to be performed for the completion of an item that is listed in the Pricing Schedules shall be considered to be included and priced for in the listed item.

All lump sum amounts and unit rates shall be given to the nearest cent and quantities shall be rounded to the nearest whole number except for tonnes which shall be rounded up to two decimal places. The amount will therefore be exact and must be given as such in the Pricing Schedules.

Measurement of quantities shall be net from the dimensions shown on the drawings with no allowance for laps, cutting, waste, bulking, compaction or shrinkage, unless expressly stated otherwise.

The following unit abbreviations may have been used in the Pricing Schedules and elsewhere in the document.

Table 5.1.2 – Unit Abbreviations

Abbreviation	Unit	Abbreviation	Unit
mm	millimetre	wks	weeks
m	metre	kg	kilogram
m ²	square metre	LS, sum	lump sum
m ³	cubic metre	t	tonne
bcm	bank cubic metres	No	Number of
ccm	compacted cubic metres	ea	each
ha	hectare	hr	hour
mL	millilitre	Item	Item
L	Litre	PS	Provisional Sum

Schedule 5.2

Preliminaries

1. General

Preliminaries amounts are all fixed and firm lump sum amounts, which shall be deemed to include, but not be limited to, the following:

- a) Contract deliverables (i.e. insurances, bank guarantees, management plans);
- b) Offsite and onsite overhead, profits, corporate costs, including all associated permits, fees, duties, taxes and similar and all incidental costs associated with the performance of the Works;
- c) Offsite and onsite Project management, administration, supervision and all other indirect labour;
- d) Engineering, design, surveying, quantity measurement and other professional and/or technical services whether performed by the Contractor or a Subcontractor;
- e) Mobilisation and demobilisation to Site activities of all things required by the Contractor for the performance of the Works (i.e. temporary facilities, Contractor's Personnel, Contractor's equipment and similar);
- f) Site establishment activities, including preparation of laydown areas and any other temporary storage areas, connection of temporary facilities to power, water and communication, Site upkeep activities, dust suppression, sediment control, temporary drainage, Site disestablishment and rehabilitation costs;
- g) Site management including health and safety management, environmental management and interface management;
- h) Transport to, from and around the Site (local, domestic or international);
- i) Messing and accommodation for all Contractor's personnel (unless free issued by the company);
- j) Mobilisation, demobilisation and operation of maintenance workshop/s, mechanics, spare parts, maintenance consumables and costs associated with spare construction equipment held in reserve to ensure construction equipment availability;
- k) All maintenance, cleaning and repairs of the Contractor's temporary facilities and services including waste management.

Preliminaries costs do not include any costs associated with operating any construction equipment or any direct labour costs or operator costs. These costs are to be included into the lump sum amounts and unit rates for direct work.

Table 5.2.1 – Measurement and Payments (Preliminaries)

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment								
ZZPA	Mobilisation Deliverables	Lump Sum	<p>The unit rate shall include preparation, submission and any further re-submission of the deliverables listed in the Pricing Schedule and as required under the Contract.</p> <p>Refer to the preliminaries preamble in Schedule A2 of Section 2.</p>	<p>Measurement will be in accordance with the following weightings:</p> <table><tr><th>Submitted to Company for Review</th><th>Reviewed by Company with Comments (C2 and C3)</th><th>Revision Submitted to Company for Review</th><th>Approved by Company (C1)</th></tr><tr><td>60%</td><td>80%</td><td>90%</td><td>100%</td></tr></table> <p>Deliverables review comments:</p> <ul style="list-style-type: none">C1 = AcceptedC2 = Proceed with Comments (Revise and Re-submit)C3 = Do Not Proceed (Revise and Re-submit)	Submitted to Company for Review	Reviewed by Company with Comments (C2 and C3)	Revision Submitted to Company for Review	Approved by Company (C1)	60%	80%	90%	100%	<p>Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement applied to the relevant lump sum price in the Pricing Schedule.</p>
Submitted to Company for Review	Reviewed by Company with Comments (C2 and C3)	Revision Submitted to Company for Review	Approved by Company (C1)										
60%	80%	90%	100%										
ZZPB	Mobilisation	Lump Sum	<p>The unit rate shall include mobilisation to Site of Contractor's labour, tools, plant, equipment, temporary facilities as well as Site establishment activities.</p> <p>Refer to the preliminaries preamble in Schedule A2 of Section 2.</p>	<p>Measurement will be based on completed mobilisation of each item listed in the Pricing Schedule.</p> <p>Mobilisation is complete when the Contractor has submitted evidence satisfactory to the Company that the resources and activities applicable to each item in the Pricing Schedule have been mobilised to Site and are operational (fit and suitable to perform Work).</p>	<p>Payment will be made progressively based on the agreed percentage (%) of completed mobilisation and Site establishment activities applied to the relevant lump sum price in the Pricing Schedule.</p> <p>Payment for resources (labour, tools, plant and equipment) will be based on the percentage (%) of resources actually mobilised to Site compared to the total number of resources to be mobilised to Site under the Contract.</p>								

ZZPC	Demobilisation	Lump Sum	<p>The unit rate shall include demobilisation from Site of the Contractor's labour, tools, plant, equipment, temporary facilities as well as cleaning of the Site and rehabilitation activities.</p> <p>Refer to the preliminaries preamble in Schedule A2 of Section 2.</p>	<p>Measurement will be based on completed demobilisation of each item listed in the Pricing Schedule.</p> <p>Demobilisation is complete when the Contractor has submitted evidence satisfactory to the Company that demobilisation applicable to each item in the Pricing Schedule has been completed and the Site has been cleaned-up and rehabilitated as per the requirements of the Contract.</p>	<p>Payment will be made progressively based on the agreed percentage (%) of completed demobilisation, Site clean-up and rehabilitation activities applied to the relevant lump sum price in the Pricing Schedule.</p> <p>Payment for resources (labour, tools, plant, and equipment) will be based on the percentage (%) of resources actually demobilised from Site compared to the total number of resources to be demobilised from Site under the Contract.</p>								
ZZPD	Recurring Costs	Weekly	<p>The unit rate shall include the ongoing time related indirect costs to support Site activities.</p> <p>Refer to the preliminaries preamble in Schedule A2 of Section 2.</p>	<p>Recurring costs will be claimed monthly after mobilisation to Site and when Work has commenced on Site.</p> <p>Measurement will be based on actual progress of Work achieved for the month measured in accordance with the Contractor Project Planning and Scheduling Guideline (PSG-GUI-001).</p>	<p>Payment will be made monthly payable pro rata on the duration completed in accordance with the approved Construction Schedule.</p>								
ZZPE	Close Out Deliverables	Lump Sum	<p>The unit rate shall include preparation, submission and any further re-submisison of the deliverables listed in the Pricing Schedule and as required under the Contract.</p> <p>Refer to the preliminaries preamble in Schedule A2 of Section 2.</p>	<p>Measurement will be in accordance with the following weightings:</p> <table><tr><td>Submitted to Company for Review</td><td>Reviewed by Company with Comments (C2 and C3)</td><td>Revision Submitted to Company for Review</td><td>Approved by Company (C1)</td></tr><tr><td>60%</td><td>80%</td><td>90%</td><td>100%</td></tr></table> <p>Deliverables review comments:</p> <ul style="list-style-type: none">C1 = AcceptedC2 = Proceed with Comments (Revise and Re-submit)C3 = Do Not Proceed (Revise and Re-submit)	Submitted to Company for Review	Reviewed by Company with Comments (C2 and C3)	Revision Submitted to Company for Review	Approved by Company (C1)	60%	80%	90%	100%	<p>Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement applied to the relevant lump sum price in the Pricing Schedule.</p>
Submitted to Company for Review	Reviewed by Company with Comments (C2 and C3)	Revision Submitted to Company for Review	Approved by Company (C1)										
60%	80%	90%	100%										

Schedule 5.3

Lump Sum Work

1. General

The Contractor bears the risk associated with determination of the appropriate quantities for all aspects of the lump sum portion of the Works based on the requirements defined in the Contract.

2 Measurement and Payment

Measurement and payment will be based on actual Work completed in accordance with the provisions of the Contract. The Contractor must submit all the required supporting documentation (i.e. progress score cards / QMR, drawings, and similar) to substantiate the Contractor's actual progress of the Works.

The Contractor and the Company's Representative shall reach an agreement on the quantity, quality and value of the Work performed for each monthly progress claim prior to submission of the payment claim by the Contractor.

The Contractor shall note that any additional work performed (i.e. site instructions) can only be included in the monthly payment claim if that additional work has been included in a Contract Variation issued by the company to the Contractor.

The following section shall be read in conjunction with the Scope of Work, drawings, specifications, and all other documents forming part of the Contract.

Table 5.3.1 – Measurement and Payment – Architectural – Prefabricated Buildings – Lump Sum

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
ABC	Building - Installation	ea	The unit rate shall include all costs associated with installation of a complete building as detailed in the Scope of Works.	<p>Measurement will be based on a complete building being installed and fully operational as described in the Scope of Work.</p> <p>The Contractor must submit all the required verification documentation (progress records, photos, ITP, check sheets, QA documentation, redline mark-ups, punch list and similar) to substantiate the Contractor's payment claim for review and approval by the Company Representative.</p>	<p>Payment will be based on the actual quantity completed in accordance with the method of measurement and multiplied by the relevant unit rate in the Pricing Schedule.</p> <p>Partial payment for incomplete and non-conforming items will not be considered.</p>

Table 5.3.2 – Measurement and Payment – Mechanical Equipment – Lump Sum

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment								
Applicable to all the Mechanical Commodity Codes (M) Listed	Mechanical Equipment Installation	ea	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none">• receipt and inspection of supplied materials / equipment;• safe temporary storage;• liaison with vendor representative;• removal and disposal of any external packaging;• removal of any stops, retainers and/or supports that have been installed for transport purposes;• scabbling and cleaning of concrete;• loading, transport to the installation area and off-loading;• handling, placing, cleaning and fixing;• degrease and clean equipment supplied with temporary surface protection;• protection of equipment and concrete surface coatings during installation;• supply and installation of minor items necessary for equipment installation, as stipulated in the Scope of Work;• assembly and/or installation;• conveyor assembly and installation is inclusive of conveyor drives, frames, guards, belt, pulleys, scrapers, idlers, take-up tower, and similar (unless measured separately in the pricing schedule);• connection to existing structures (where required);• supply, installation and removal of temporary supports, structures, and scaffolding;• supply and placing of grouting under base plates (where required);• supply, drilling and fixing of masonry anchors, chemical anchors, consumables, and other fixing devices (not cast-in concrete structures);• checking of all civil works prior to installation;• any other item necessary for the complete installation;• application of grease, lubricants, and hydraulic oils for the first fill of equipment;• construction verification and pre-commissioning, including clearing of all punch list items.	Measurement will be per each (ea) actual quantity installed in accordance with the following weightings: <table><tr><th>Positioned and Levelled</th><th>Assembled and Bolted Down</th><th>Pre-Commissioning (including clearing of punch list items)</th><th>QA/QC documents submitted</th></tr><tr><td>35%</td><td>55%</td><td>7.5%</td><td>2.5%</td></tr></table>	Positioned and Levelled	Assembled and Bolted Down	Pre-Commissioning (including clearing of punch list items)	QA/QC documents submitted	35%	55%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.
				Positioned and Levelled	Assembled and Bolted Down	Pre-Commissioning (including clearing of punch list items)	QA/QC documents submitted						
				35%	55%	7.5%	2.5%						

Table 5.3.3 – Measurement and Payment – Platework Installation – Lump Sum

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment			
Applicable to all the Platework Commodity Codes (L) Listed	Platework Installation	ea	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none">• receipt and inspection of supplied materials / equipment;• safe temporary storage;• loading, transport to the installation area and off-loading;• handling;• erection / installation to required lines and levels;• off Site and on Site assembly (as required);• bolting / Site welding;• installation of all bolts, nuts and washers, including supply of any additional bolts as required for installation;• supply and installation of shim packers (as required);• scabbling and cleaning of concrete (where required);• supply and placing of grouting under base plates (where required);• supply, installation and removal of temporary supports, structures and scaffolding;• all testing;• supply, drilling and fixing of masonry anchors, chemical anchors, consumables and other fixing devices (not cast-in concrete structures);• checking of all civil works prior to installation;• any other item necessary for the complete installation;• construction verification and pre-commissioning, including clearing of all punchlist items.	Measurement will be per each (ea) actual quantity installed in accordance with the following weightings:	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.			
				<table><tr><th>Positioned and Levelled</th><th>Assembled and Bolted Down</th><th>Pre-Commissioning (including clearing of punch list items)</th><th>QA/QC documents submitted</th></tr><tr><td>35%</td><td>55%</td><td>7.5%</td><td>2.5%</td></tr></table>		Positioned and Levelled	Assembled and Bolted Down	Pre-Commissioning (including clearing of punch list items)
Positioned and Levelled	Assembled and Bolted Down	Pre-Commissioning (including clearing of punch list items)	QA/QC documents submitted					
35%	55%	7.5%	2.5%					

Table 5.3.4 – Measurement and Payment – Field Erected Tanks Installation – Lump Sum

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment												
LBB	Field Erected Tank Installation	ea	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> • receipt and inspection of supplied materials / equipment; • safe temporary storage; • loading, transport to the installation area and off-loading; • handling; • erection / installation to required lines and levels; • any on Site fabrication (if required); • off Site / on Site assembly; • Site welding; • Surface treatment (if required); • any on Site installation of lining (if required); • installation of fixings, fasteners, bolts, nuts, and washers; • supply and installation of shim packers (as required); • installation of any necessary labelling; • scabbling and cleaning of concrete (where required); • supply and placing of grouting under base plates (where required); • supply, installation and removal of temporary supports, structures, and scaffolding; • all testing; • provision of settlement checks; • supply, drilling and fixing of masonry anchors, chemical anchors, consumables, and other fixing devices (not cast-in concrete structures); • checking of all civil works prior to installation; • any other item necessary for the complete installation; • connection to existing structures (where required); • construction verification and pre-commissioning, including clearing of all punchlist items. 	<p>Measurement will be per each (ea) actual quantity installed in accordance with the following weightings:</p> <table border="1"> <tr> <td>Shell and Roof</td><td>Bottom Plates</td><td>Accessories</td><td>Blasting & Painting</td><td>Pre-Commissioning (including clearing of punch list items)</td><td>QA/QC documents submitted</td></tr> <tr> <td>45%</td><td>15%</td><td>15%</td><td>15%</td><td>7.5%</td><td>2.5%</td></tr> </table>	Shell and Roof	Bottom Plates	Accessories	Blasting & Painting	Pre-Commissioning (including clearing of punch list items)	QA/QC documents submitted	45%	15%	15%	15%	7.5%	2.5%	<p>Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule</p>
Shell and Roof	Bottom Plates	Accessories	Blasting & Painting	Pre-Commissioning (including clearing of punch list items)	QA/QC documents submitted												
45%	15%	15%	15%	7.5%	2.5%												

Table 5.3.5 – Measurement and Payment – Shop Fabricated Tanks Installation – Lump Sum

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement				Method of Payment								
LAP	Shop Fabricated Tank Installation	ea	<div>The unit rate shall include but not be limited to:</div> <ul style="list-style-type: none">• receipt and inspection of supplied materials / equipment;• safe temporary storage;• loading, transport to the installation area and off-loading;• handling;• erection / installation to required lines and levels;• any on Site fabrication (if required);• off Site / on Site assembly;• bolting;• Site welding;• any on Site installation of lining (if required);• installation of fixings, fasteners, bolts, nuts and washers;• supply and installation of shim packers (as required);• scabbling and cleaning of concrete (where required);• supply and placing of grouting under base plates (where required);• supply, installation and removal of temporary supports, structures and scaffolding;• all testing;• provision of settlement checks;• supply, drilling and fixing of masonry anchors, chemical anchors, consumables, and other fixing devices (not cast-in concrete structures);• checking of all civil works prior to installation;• any other item necessary for the complete installation;• connection to existing structures (where required);	<div>Measurement will be per each (ea) actual quantity installed in accordance with the following weightings:</div> <table><tr><th>Positioned and Levelled</th><th>Assembled and Bolted Down</th><th>Pre-Commissioning (including clearing of punch list items)</th><th>QA/QC documents submitted</th></tr><tr><td>35%</td><td>55%</td><td>7.5%</td><td>2.5%</td></tr></table>				Positioned and Levelled	Assembled and Bolted Down	Pre-Commissioning (including clearing of punch list items)	QA/QC documents submitted	35%	55%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.
Positioned and Levelled	Assembled and Bolted Down	Pre-Commissioning (including clearing of punch list items)	QA/QC documents submitted													
35%	55%	7.5%	2.5%													

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
			<ul style="list-style-type: none"> construction verification and pre-commissioning, including clearing of all punchlist items. 		

Schedule 5.4

Provisional Sums

1. General

The Provisional Sums in the Schedules are indicative Sums for the Specification, which has not been fully defined.

Where items, quantities or sums are marked “PROVISIONAL”, work under that item shall only be carried out by the Contractor, in part or full, upon prior written instruction from the Company.

3 Measurement and Payment

Work in respect of Provisional Sum items shall be performed and measured in accordance with this Agreement. The Contractor shall submit a substantiated amount claimed in respect of each Provisional Sum following completion of work in respect of each Provisional Sum item. The Company shall review and approve the claim in accordance with this Agreement and shall issue a Contract variation for deletion / addition to the Contract Price of the variance between the Provisional Sum and the approved claimed amount.

The Contractor shall give notice in writing to the Company when the cost of the Provisional Sum portion of Works reaches 80% of the total shown in the Schedules. The Contractor shall state in the notice whether it will complete the Works within the remaining funds or not and provide an estimate if additional funds are required to complete the Works covered by the particular Pricing Schedule. The Contractor shall not be paid more than the total of the particular Pricing Schedule without prior written approval of the Company

Schedule 5.5

Schedule of Rates

2. General

The estimated unit quantities set forth herein are estimates only, and as such the quantities of the estimated units are not guaranteed, as independent circumstances shall control actual quantities performed and measured. The Contractor shall undertake its own quantity take off for the purpose of ordering and procuring materials.

The prices shall be obtained from multiplying the stated estimated quantity for each item by the applicable unit rate and summing the amounts for each item. The prices shall not be construed to represent the amount of Works that is actually required under this Agreement.

Pricing of any Company approved Variations shall be based, where applicable, against the unit rates in the Pricing Schedule in accordance with the provisions of this Agreement.

4 Measurement and Payment

Measurement and payment will be based on actual Work completed in accordance with the provisions of this Agreement. The Contractor must submit all the required supporting documentation (i.e. progress score cards / QMR, drawings, survey data, and similar) to substantiate the Contractor's actual progress of the Works.

The actual quantities completed will be multiplied by the unit rates for each item in the Pricing Schedule to determine the total amount payable for each item.

The Contractor and the Company's Representative shall reach an agreement on the quantity, quality and value of the Work performed for each monthly progress claim prior to submission of the payment claim by the Contractor.

The Contractor shall note that any additional work performed (i.e. site instructions) can only be included in the monthly payment claim if that additional work has been included in a Contract Variation issued by the company to the Contractor.

Measurement of quantities shall be net with no allowance for waste and no extra payment will be made on account of waste.

Measurement and payment under this Schedule 5.5 shall not be made for any work the Contractor completes for temporary work (such as temporary laydown areas, temporary buildings, borrow pits, access roads and ramps, surface drains, and similar).



Final quantities for payment will be determined by the Company from the drawings and/or pre and post construction surveys (as applicable).

The Contractor shall give written notice in writing to the Company when the cost of any unit rate line item in the priced portion of Works reaches 80% of the total shown in the Pricing Schedule. The Contractor shall state in the notice whether it will complete the Works within the remaining funds or not and provide an estimate if additional funds are required to complete the Works covered by the particular Pricing Schedule. The Contractor shall not be paid more than the total of the particular Pricing Schedule without prior written approval of the Company.

Table 5.5.1 – Measurement and Payment – Earthworks – Schedule of Rates

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
WBA	Clearing and Grubbing	m ²	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> tree felling, uprooting of bushes, trees, hedges and other vegetation, grubbing out remnant stumps and roots and filling and compacting holes left after grubbing out; chipping, splitting, cutting, mowing, slashing, grinding, mulching or pulverising vegetation; cutting and stacking of chip-logs and saw logs; branch lopping and treatment of cut surfaces; transporting to a designated stockpile or waste dump location as directed by the Company and disposal; preservation of trees and other vegetation to be retained as designated on the drawings or by the Company; demolition, clearing and disposal of any existing structures. 	Measurement will be in square metres (m ²) based on the horizontal plan area measured by survey in compliance with the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBB	Topsoil Striping	m ²	The unit rate shall include but not be limited to excavation to the nominal depth nominated by the Company, loading and hauling to a designated stockpile as directed by the Company, stockpiling, disposal and grading of the disposal areas.	Measurement will be in square metres (m ²) based on the horizontal plan area measured by survey in compliance with the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBZ	Burrow Area Establishment	m ²	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> clearing, grubbing and topsoil stripping of the borrow area; loading and hauling of cleared vegetation and topsoil to designated stockpiles as directed by the Company; construction of temporary access tracks / haul roads to the borrow areas including all drainage requirements; conformance testing of borrow material against relevant specifications. 	Measurement will be in square metres (m ²) based on the horizontal plan area measured by survey in compliance with the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBZ	Burrow Area Rehabilitation	m ²	The unit rate shall include but not be limited to shaping of disturbed ground, scarifying of areas nominated for rehabilitation and the re-spread of topsoil in accordance with the Company approved Borrow Pit Management Plan and relevant specifications.	Measurement will be in square metres (m ²) based on the horizontal plan area measured by survey in compliance with the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
WBE	Bulk Excavation	m ³	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> • excavation by whatever means in all materials other than rock; • over-excavation; • additional excavation for working space; • all measures for securing of excavation; • keeping excavation free of water; • loading, hauling, dumping, stockpiling and disposal of all surplus and unsuitable excavated material to a designated stockpile as directed by the Company; • loading, hauling and dumping of conforming excavated material to fill; • opening of borrow areas and winning material from locations directed by the Company, loading, hauling and dumping (as required); • double and multiple handling; • the effects of bulking; • trimming, grading, levelling excavated surfaces to required lines and levels; • compaction of excavated surfaces; • selection and temporary storage of excavated material that is suitable for backfill; 	Measurement will be in insitu (banked) cubic metres (m ³) determined from agreed field measurement and survey. No allowance shall be made for working space, over-excavation or variance in bulk. Volume shall be measured in place calculated from the lines and levels shown on the Engineering IFC drawings and surveyed ground surface levels.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBG	Extra Over for Rock Excavation	m ³	The unit rate shall include all costs associated with undertaking excavation in rock.	<p>Measurement will be in insitu (banked) cubic metres (m³) determined from agreed field measurement. No allowance shall be made for working space, over-excavation or variance in bulk. Volume shall be measured in place calculated from the lines and levels shown on the Engineering IFC drawings and surveyed ground surface levels.</p> <p>Excavation in rock (as defined in the earthworks specification) shall be measured as an 'extra over' excavation in materials other than rock. If the Contractor considers that it has encountered rock, the Contractor shall notify the Company and await instructions before proceeding further with the excavation. In the event of a dispute as to the classification of the excavation material the decision of the</p>	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
				Company will be final. Tests conducted to assess whether the excavation material is to be classified as rock, including additional tests directed by the Company, shall only be valid and considered for the purposes of making such classification if the tests are conducted in accordance with the definition of rock in the earthworks specification.	
WBE	Detailed Excavation	m ³	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> detailed excavation in material classified as 'common excavation' including additional excavation for working space, over excavation, levelling, backfilling and compaction as required for the construction of concrete structures (footings, foundations, slabs, and similar); selection and temporary storage of excavated material that is suitable for backfill in the vicinity of the excavation for use as backfill after completion of concrete works; all measures for securing of excavation(s), and keeping excavation(s) free of water and loose and extraneous material; loading, hauling and disposal of all surplus and unsuitable excavated material, including all double and multiple handling and the effects of bulking. 	Measurement will be in situ (banked) cubic metres (m ³) based on the net theoretical volume as measured from the Engineering IFC drawings with no allowance for working space and over excavation.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
PAH	Common Trenching	m ³	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> excavation in material classified as 'common excavation' including additional excavation for working space, over excavation, levelling, sand bedding, backfilling and compaction as required for laying of services; all measures for securing of excavation(s), and keeping excavation(s) free of water and loose and extraneous material; loading, hauling and disposal of all surplus and unsuitable excavated material, including all double and multiple handling and the effects of bulking. 	Measurement will be in situ (banked) cubic metres (m ³) based on the net theoretical volume as measured from the Engineering IFC drawings with no allowance for working space and over excavation.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
WBH WBI	Bulk Fill	m ³	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> sourcing, supply and haulage of fill material from a designated stockpile as directed by the Company; use of previously excavated material that is suitable for fill; preparation of the area on which fill is to be placed including removal of loose and deleterious surface material and compaction; placing fill material in layers, levelling and compacting, including moisture conditioning and testing of compaction; double and multiple handling; the effects of bulking;levelling, stepping or sloping finishing surfaces to required lines and levels. 	Measurement will be in insitu (compacted) cubic metres (m ³) determined from agreed field measurement. No allowance shall be made for variance in bulk.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBH WBI	Construction Pad Fill	m ³	The unit rate shall include the supply, placing and compacting (including associated moisture conditioning and testing) to the required lines and levels as shown on the Engineering IFC drawings.	Measurement will be in insitu (compacted) cubic metres (m ³) based on the net theoretical volume as measured from the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBH WBI	Ring Beam Infill – Oil Impregnated Sand	m ³	The unit rate shall include for the supply and mixing of sand and waste oil to produce oil impregnated sand, and the installation and compaction of oil impregnated sand to the interior of tank ring beams to the lines, levels and depths as shown on the Engineered IFC drawings.	Measurement will be in insitu (compacted) cubic metre (m ³) as measured from the Engineered IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBH WBI	Ring Beam Infill - Stone	m ³	The unit rate shall include for the supply, installation and compaction of stone around the tank ring beams to the lines, levels and depths as shown on the Engineered IFC drawings.	Measurement will be in insitu (compacted) cubic metre (m ³) as measured from the Engineered IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBH WBI	Ring Beam Strutural Fill	m ³	The unit rate shall include the winning, loading and hauling of structural fill from a nominated borrow source, and the subsequent placing and compacting (including associated moisture conditioning and testing) to the required lines and levels as shown on the Engineered IFC drawings.	Measurement will be in insitu (compacted) cubic metre (m ³) as measured from the Engineered IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
WBH WBI	Reclaim Chamber / Primary Crusher Backfill	m ³	The unit rate shall include the winning, loading and hauling of general fill from a nominated borrow source, and the subsequent placing and compacting (including associated moisture conditioning and testing) to the required lines and levels as shown on Engineered IFC drawings.	Measurement will be in insitu (compacted) cubic metre (m ³) as measured from the Engineered IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WCC	Existing Surface / Foundation Preparation	m ²	The unit rate shall include but not be limited to preparation of the area on which fill will be placed including scarifying, moisture conditioning and compacting the surface for placement of materials in accordance with the specifications.	Measurement will be in square metres (m ²) based on the horizontal plan area measured from the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WCC	Subgrade Preparation	m ²	The unit rate shall include but not be limited to shaping and trimming to finished grades and levels and maintaining the finished surface until sub base construction commences.	Measurement will be in square metres (m ²) based on the horizontal plan area measured from the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WCA	Subbase	m ³	The unit rate shall include but not be limited to supply, placing, spreading, moisture, conditioning, trimming, grading, levelling and compaction.	Measurement will be in insite (compaction) cubic metres (m ³) determined from agreed field measurement. Volume will be measured in place calculated from the lines and levels shown on the Engineering IFC drawings and surveyed ground surface levels.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WCA	Basecourse	m ³	The unit rate shall include but not be limited to supply, placing, spreading, moisture conditioning, trimming, grading, levelling and compaction.	Measurement will be in insitu cubic metres (m ³) determined from agreed field measurement. Volume will be measured in place calculated from the lines and levels shown on the Engineering IFC drawings and surveyed ground surface levels.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
WCW	Stone Pitching / Rip Rap (Materials supplied by the Contractor)	m ²	The unit rate shall include for but not limited to supply, placing and finishing to designed specifications and Engineering IFC drawings, inclusive of supply and placing of grout (as required).	Measurement will be in square metres (m ²) based on the horizontal plan area measured from the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBL	Culverts	m	The unit rate shall include for but not limited to: <ul style="list-style-type: none"> • procurement of materials, delivery to Site, handling, loading and hauling to work areas; • any required cutting and backfilling for installation; • supply and placement of bedding materials as required; • placement of the culverts to the designed length; • supply and placing of grouting, as required. 	Measurement for culverts is in linear metres. Payment for culverts shall be made on complete lineal metres as per design	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WBM	Headwalls	ea	The unit rate shall include supply of all the required materials and installation complete with all associated civil works.	Measurement will be per each (ea) actual quantity installed as measured from the Engineered IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WDX	Stormwater Concrete Chamber	ea	The unit rate shall include supply of all required materials and installation complete with all associated civil works.	Measurement will be per each (ea) actual quantity installed as measured from the Engineered IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WDC	HDPE Liner	m ²	The unit rate shall include for but not limited to supply: <ul style="list-style-type: none"> • procurement of materials, delivery to Site, handling, loading and hauling to work areas; • installation, including all the required consumables and testing. 	Measurement will be in square metres (m ²) based on the horizontal plan area measured from the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WDX	Pond Construction	m ³	The unit rate shall include for but not limited to supply of materials, excavation, waste disposal, forming berms, backfilling and all other necessary work in accordance with the Engineering IFC drawings.	Measurement will be in situ (compacted) cubic metres (m ³) determined from agreed field measurement. Volume will be measured in place calculated from the lines and levels shown on the Engineering IFC drawings and	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
				surveyed ground surface levels.	
WDX	Pond Piping Penetration	ea	The unit rate shall include for but not limited to supply of materials, excavation, sand bedding (if required), placement, cutting and welding of piping materials, backfilling and sealing the HDPE liner around the pipe penetration.	Measurement will be per each (ea) actual quantity completed as measured from the Engineered IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
WDD	Drainage - Drains	m	The unit rate shall include the supply and installation of drainage pipes complete with fittings and testing.	Measurement will be in metres (m) based on the length measured from the Engineering IFC drawings.	Payment will be based on design quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Table 5.5.2 – Measurement and Payment – Concrete – Schedule of Rates

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment																		
CCB CCC CCD CCE	Concrete Supply and Installation	m ³	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> supply, delivery, and installation of plastic liners and waterproof membranes, including all cutting, welding and other necessary ancillary activities; supply, fabrication, erection, dismantling and disposal (or reuse) of formwork and falsework including all supports and accessories; cutting and installation of 'Lysaght Bondek' structural formwork which shall include the establishment of a cutting plan; supply, cutting, bending and installation of reinforcement bar and mesh including supply and installation of wire, supports, spacers, spacer bars, distribution bars and similar to fix reinforcement in position; concrete mix design and trial mixes; supply, delivery and storage of feed 	<p>Measurement will be in cubic metres (m³) of the net volume as measured from the Engineering IFC drawings with no allowance for laps or waste. Progress measurement will be based on the following weightings:</p> <table border="1"> <thead> <tr> <th>Description</th><th>Reinforcement</th><th>Formwork</th><th>Concrete</th><th>Finishing</th><th>QA/QC documents submitted</th></tr> </thead> <tbody> <tr> <td>Below Ground Structures (e.g. footings, pedestals, bases, slabs, rafts, ring beams and similar)</td><td>30%</td><td>30%</td><td>30%</td><td>7.5%</td><td>2.5%</td></tr> <tr> <td>Above Ground Structures (e.g. walls, suspended slabs, kerbs, plinths, columns, beams, and similar)</td><td>25%</td><td>35%</td><td>30%</td><td>7.5%</td><td>2.5%</td></tr> </tbody> </table> <p>No deductions to the net volume shall be made for built-in items, pipes, holes, ducts, pockets, sockets, mortices and the like each not exceeding 0.10 cubic metres in volume, the space in the concrete occupied by reinforcement, bolts and embedded metal, nor for chamfers, splays, grooves, rebates, recesses, grooves and the like not exceeding 100 millimetres in girth or any blockouts or openings less than 0.01 cubic metre in volume.</p> <p>No measurement shall be made of additional concrete placed where the Contractor elects not to use formwork and to place concrete against excavated surfaces.</p> <p>No measurement shall be made of additional concrete placed to fill excavated surfaces beneath concrete unless the Company has directed the Contractor to over excavate to remove unsuitable material.</p>	Description	Reinforcement	Formwork	Concrete	Finishing	QA/QC documents submitted	Below Ground Structures (e.g. footings, pedestals, bases, slabs, rafts, ring beams and similar)	30%	30%	30%	7.5%	2.5%	Above Ground Structures (e.g. walls, suspended slabs, kerbs, plinths, columns, beams, and similar)	25%	35%	30%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.
Description	Reinforcement	Formwork	Concrete	Finishing	QA/QC documents submitted																		
Below Ground Structures (e.g. footings, pedestals, bases, slabs, rafts, ring beams and similar)	30%	30%	30%	7.5%	2.5%																		
Above Ground Structures (e.g. walls, suspended slabs, kerbs, plinths, columns, beams, and similar)	25%	35%	30%	7.5%	2.5%																		

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
			<p>constituents required for production of concrete (water, sand, aggregates, cement, admixtures, additives, and similar);</p> <ul style="list-style-type: none"> • batching of concrete from a Contractor provided and managed batch plant; • mixing and delivery of concrete to general area of placement; • placing, vibrating, compacting, curing and finishing of structural concrete; • supply and installation of all construction joints shown on the drawings and/or to suit the Contractor's method of working, all shrinkage joints, isolation joints and all expansion joints, including associated formwork, sealants, dowel bars and any other necessary materials and labour required to produce the joint; • supply and installation of holding down bolts; • supply and installation of ring beam drainage items (water stops, drain pipes, geotextile filter fabric, and steel bands for drain 		

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
			<p>pipes);</p> <ul style="list-style-type: none"> • supply and installation of protective materials; • supply and installation of cast-in and under slab electrical conduits and fittings, including any necessary cutting and gluing, of as shown on the drawings; • supply and installation of cast-in and under slab mechanical piping and fittings (e.g. wastewater, water, drainage, sewage, and similar as shown on the drawings), including any necessary cutting and gluing; • supply, erection and disassembly of scaffolding and other temporary access; • forming holes, channels and other formations in the surface of the concrete; • repair of all defective concrete; • testing, including (but not limited to) testing for earthworks, concrete, water quality and batching plant trial tests; • any other item necessary for the complete installation. 		

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
CCL	Embedded Steelwork (Cast in Items)	t	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> • installation to required locations, lines and levels, including supply of templates and supports; • protection against damage and cement splatter for threads; and • installation of the cast in item in the required location, levels and depths as shown on the drawings. 	Measurement will be in tonnes (t) based on the net weight of the items per facility as measured from the Engineered IFC drawings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
CCM	Coatings and Finishes	m ²	The unit rate shall include the supply and installation of coatings complete with associated works.	Measurement will be in square metre (m ²) as measured from the Engineered IFC drawings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
CCQ	Ring Beam HDPE Liner	m ²	The unit rate shall include laying, cutting, jointing, extrusion welding to drain pipes and water stops, and any other necessary ancillary activities.	Measurement will be in square metre (m ²) as measured from the Engineered IFC drawings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
					by the relevant unit rate in the Pricing Schedule.
CCN	Precast Concrete Sump	ea	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> • supply, packing, transport to the Site, off-loading, temporary storage, transport to the erection Site, handling and installation of sumps • supply, transport, placing, compacting, screeding, surface finishing and curing of the in situ concrete base including mesh reinforcement; and • supply of materials and construction of the isolation joints at the base and the top of the sump. 	Measurement will be per each (ea) actual quantity installed as measured from the Engineered IFC drawings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Table 5.5.3 – Measurement and Payment – Structural Steelwork Installation – Schedule of Rates

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment										
All of the items below	Structural Steelwork Installation Preamble	Refer to each item below	<div>The unit rate shall include but not be limited to:</div> <ul style="list-style-type: none">• receipt and inspection of supplied materials / equipment;• safe temporary storage;• loading, transport to the erection Site and off-loading;• handling;• off Site and on Site assembly;• erection to required lines and levels;• bolting;• installation of all bolts, nuts and washers, including supply of any additional bolts as required for installation;• site welding;• supply, installation and removal of temporary supports, structures and scaffolding;• all testing;• supply and installation of shim packers (as required);• scabbling and cleaning of concrete (where required);• supply and placing of grouting under base plates (where required);• supply, drilling and fixing of masonry anchors, chemical anchors, consumables and other fixing devices (not cast-in concrete structures);• loose and attached connections, cleats, stiffeners, gussets, end plates, caps and the like, shim packers, welding material;• any other item necessary for the complete installation;• checking of all civil works prior to installation;• construction verification and pre-commissioning, including clearing of all punchlist items.	<div>Measurement will be based on actual quantities completed (measured from shop detail drawings) in accordance with the following weightings:</div> <table><tr><td>Surveying and Set Packers</td><td>Erect Structure</td><td>Plumb and Align Structure and Torque Bolts</td><td>Punch List Items Cleared</td><td>QA/QC documents submitted</td></tr><tr><td>7%</td><td>65%</td><td>18%</td><td>7.5%</td><td>2.5%</td></tr></table>	Surveying and Set Packers	Erect Structure	Plumb and Align Structure and Torque Bolts	Punch List Items Cleared	QA/QC documents submitted	7%	65%	18%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.
				Surveying and Set Packers	Erect Structure	Plumb and Align Structure and Torque Bolts	Punch List Items Cleared	QA/QC documents submitted							
				7%	65%	18%	7.5%	2.5%							
<div>Shop detail drawing is defined as a drawing developed from the Engineering drawings to enable fabrication of the Works. Engineering drawing is defined as a design drawing issued by the Company Representative.</div>															
<div>Structural steelwork shall include steelwork for industrial structures and steel framed buildings, steelwork support structures to platework and equipment, steelwork structures supported off platework, equipment and the like, conveyor trusses and trestles, conveyor head frames and tail frames, conveyor stringers and miscellaneous support steelwork to platforms, stairs, flooring, piping, electrical and instrumentation items. Structural steelwork shall include plate, rod, rails, rolled sections, circular, square and rectangular hollow sections, pipe, built-up members and chequer plate. Structural steelwork shall not include items that are measured elsewhere such as floor grating, handrails, stair treads, ladders, mesh guards, and similar.</div>															

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
SAA	Structural Steelwork Installation	t	The unit rate shall include the items stated in the structural steelwork installation preamble.	Measurement will be in tonnes (t) in accordance with the weightings stated in the structural steelwork installation preamble.	Refer to structural steelwork installation preamble.
SBA	Steel Ladder (with / without cage)	m	The unit rate shall include the items stated in the structural steelwork installation preamble and be inclusive of installation of caged and uncaged ladder assemblies complete with ladder rungs, cages, stringers and supports (all offsite fabricated by others) and fixing in position on Site inclusive of all fittings and fixtures required for complete installation.	Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in linear metres (m) of the net length including stringers, rungs, cages (where applicable), supports, connections and similar.	Refer to structural steelwork installation preamble.
SBD	Stair Treads	ea	The unit rate shall include the items stated in the structural steelwork installation preamble and be inclusive of the complete installation of stringers, rungs, supports, connections and similar.	Measurement will be per each (ea) actual quantity installed in accordance with the weightings stated in the structural steelwork installation preamble measured from the Engineered IFC drawings.	Refer to structural steelwork installation preamble.
SBG	Floor Grating	m ²	The unit rate shall include the items stated in the structural steelwork installation preamble inclusive of all fittings and fixtures required for complete installation.	<p>Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in square metres (m2) based on the net plan area covered by the floor grating measured from the Engineered IFC drawings.</p> <p>Only notchings and openings in floor gratings each exceeding one square metre will be deducted. The following items deemed included in the unit rate will not be measured or included in the measurement:</p> <ul style="list-style-type: none"> • banding; • saddles; • fixings; • nosing; and • kickplates. 	Refer to structural steelwork installation preamble.
SBM	Handrails	m	The unit rate shall include the items stated in the structural steelwork installation preamble inclusive of the handrail panel consisting of stanchions, top rail, intermediate rail, posts, kickplate, mesh fabric, bends, angles / Webforge Monowill, ramps, ends and fixings, and shall include fixing to both structural steel and concrete.	<p>Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in linear metres (m) based on the net horizontal or raking length of the handrail measured from the Engineered IFC drawings to the outermost extent of the rail or panel.</p> <p>Raking handrails will be measured in their raking length.</p> <p>Gaps between railing panels shall not be included in the measure.</p> <p>Knee rail mesh shall be part of the handrail and shall not be measured separately. Where knee rail mesh is longer than or shorter than handrail panel, length of handrail panel is taken for measurement purposes.</p>	Refer to structural steelwork installation preamble.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
SCD	Downpipes	m	The unit rate shall include the items stated in the structural steelwork installation preamble and include the installation of the down pipes and all the necessary fixings, outlets, shoes, and similar.	Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in linear metres (m) based on the net horizontal and vertical length of the down pipe measured from the Engineered IFC drawings.	Refer to structural steelwork installation preamble.
SCD	Gutters	m	The unit rate shall include the items stated in the structural steelwork installation preamble.	Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in linear metres (m) measured from the Engineered IFC drawings.	Refer to structural steelwork installation preamble.
SCM	Ridge Vents	m	The unit rate shall include the items stated in the structural steelwork installation preamble.	Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in linear metres (m) measured from the Engineered IFC drawings.	Refer to structural steelwork installation preamble.
SCA	Cladding (roof and wall)	m ²	The unit rate shall include the items stated in the structural steelwork installation preamble inclusive of instalation of flashing, weather tight sealing, and general making-good in accordance with the Engineered IFC drawings. The unit rate for all types of roof cladding regardless of type is deemed to include the installation of insulation and cladding panels.	Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in square metres (m2) based on the net surface area of the sheeting measured from the Engineered IFC drawings. No measurement shall be made of laps and flashings, however, the unit rate for cladding shall include for laps and flashing.	Refer to structural steelwork installation preamble.
SCG	Purlins and Girts	m	The unit rate shall include the items stated in the structural steelwork installation preamble. The installation of purlins and girts is deemed complete with bridge pieces, tie rods, and bolts.	Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in linear metres (m) measured from the Engineered IFC drawings. No measurement shall be made of laps, bridge pieces, tie rods, and bolts.	Refer to structural steelwork installation preamble.
SCS	Insulation	m ²	The unit rate shall include the items stated in the structural steelwork installation preamble.	Measurement will be in square metres (m2) based on the net surface area of insulation measured from the Engineered IFC drawings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
CCJ	Corrugated Steel Tunnel	m	The unit rate shall include the items stated in the structural steelwork installation preamble and include all the necessary installation activities (such as cutting, lifting, placing, securing, backfilling and similar) to allow for the complete installation of the associated corrugated steel tunnels as shown on the Engineered IFC drawings an in accordance with the manufacturer's recommendations, specifications, shop drawings and/or plans.	Measurement will be in accordance with the weightings stated in the structural steelwork installation preamble measured in lineal metre (m) as measured from the Engineered IFC drawings.	Refer to structural steelwork installation preamble.
SCZ	Steel Bollards	ea	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> • supply of all necessary materials, excluding the steel pipe which is free issued by the Company; • excavation and provision of the concrete for the encasement to the foot of bollard; • installation of bollard; • concrete fill to the bollard pipe; • grouting under base plate where required; and • detail paint finish in accordance with specifications and touch up painting after installation; • any other item necessary for the complete installation. 	Measurement will be per each (ea) actual quantity installed as measured from the Engineered IFC drawings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Table 5.5.4 – Measurement and Payment – Piping – Schedule of Rates

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement					Method of Payment
Applicable to all the Overland and Plant Piping Commodity Codes (PA and PB) Listed	Pipe Installation	m	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> • receipt and inspection of supplied materials / equipment; • safe temporary storage; • loading, transport to the erection Site and off-loading; • handling; • processing, fabrication, field welding, assembly and installation of piping; • off Site and/or Site spool fabrication (unless fabricated spools are supplied to the Contractor); • all required excavation, provision of sand bedding, backfilling, compaction and disposal of surplus and unsuitable materials (where required); • supply and installation of packers, shims and grouting (as required); • supply, drilling and fixing of masonry anchors, chemical anchors, consumables and other fixing devices; • supply, installation and removal of temporary supports, structures and scaffolding; • supply and installation of banding for penetrations, including making good surface protection; • supply and installation of all miscellaneous piping items required for installation, as stipulated in the Scope of 	Measured in linear metres (m) along the pipe centre line from the Engineered IFC drawings and isometric drawings (where developed) with no allowance for waste. Progress measurement will be based on actual quantity installed in accordance with the following weightings:					Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule
				Pre-Fabricated & Positioned	Fit and Welded	Pressure Tested & Reinstated	Punch List Items Cleared	QA/QC documents submitted	
				40%	40%	10%	7.5%	2.5%	

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement					Method of Payment										
			<div>Work;</div> <div><div><div></div></div><div>inspections;</div><div><div><div></div></div><div>supply, installation and removal of all temporary items (gaskets, test spools, blind flanges, strainers, etc.);</div><div><div><div></div></div><div>supply and installation of all hoses, hose fittings, flexible couplings and similar, as stated in the Scope of Work;</div><div><div><div></div></div><div>Supply and installation of pipeline and valve markers for buried services;</div><div><div><div></div></div><div>supply and installation of Denso Tape for all buried steel pipe and flange faces;</div><div><div><div></div></div><div>any other item necessary for the complete installation;</div><div><div><div></div></div><div>all testing;</div><div><div><div></div></div><div>touch up of surface finish;</div><div><div><div></div></div><div>construction, verification and pre-commissioning, including clearing of all punch list items.</div></div></div></div></div></div></div></div></div></div>																
Applicable to all the Overland and Plant Piping Commodity Codes (PA and PB) Listed	Pipe Fittings Installation	ea	<div>The unit rate for pipe fittings (elbows, bends, tees, reducers, flanges and any other special fittings) shall include but not be limited to:</div> <div><div><div></div></div><div>receipt and inspection of supplied materials / equipment;</div><div><div><div></div></div><div>safe temporary storage;</div><div><div><div></div></div><div>loading, transport to the erection Site and off-loading;</div><div><div><div></div></div><div>handling;</div><div><div><div></div></div><div>installation of fittings;</div></div></div></div></div></div>	<div>Measurement will be per each (ea) actual quantity installed as measured from the Engineered IFC drawings and isometric drawings (where developed) with no allowance for waste. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</div> <table><tr><td>Pre-Fabricated & Positioned</td><td>Fit and Welded</td><td>Pressure Tested & Reinstated</td><td>Punch List Items Cleared</td><td>QA/QC documents submitted</td></tr><tr><td>40%</td><td>40%</td><td>10%</td><td>7.5%</td><td>2.5%</td></tr></table>					Pre-Fabricated & Positioned	Fit and Welded	Pressure Tested & Reinstated	Punch List Items Cleared	QA/QC documents submitted	40%	40%	10%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.
Pre-Fabricated & Positioned	Fit and Welded	Pressure Tested & Reinstated	Punch List Items Cleared	QA/QC documents submitted															
40%	40%	10%	7.5%	2.5%															

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
			<ul style="list-style-type: none"> supply and installation of piping thermal insulation; welding of loose flanges to ends of fitting; screwed or glued end connections, including all necessary consumables; supply and installation of packers and grouting, as required; supply, drilling and fixing of masonry anchors, chemical anchors, consumables and other fixing devices; supply, installation and removal of temporary supports, structures and scaffolding; installation of bolted connections including gaskets and fasteners; any other item necessary for the complete installation; inspections; all testing; construction verification and pre-commissioning, including clearing of all punch list items. 		
Applicable to all the valves Commodity Codes (PC) Listed	Valve Installation	ea	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> receipt and inspection of supplied materials / equipment; safe temporary storage; loading, transport to the erection Site and off-loading; handling; hoisting and installing in place; bolted, screwed, welded or 	Measurement will be per each (ea) actual quantity installed as measured from the Engineered IFC drawings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
			<ul style="list-style-type: none"> other specified connection; removing and re-installing when required to accord with pipe testing or other specified requirements including associated disconnecting and reconnecting operations (e.g. unbolting and re-bolting); touch-up of surface protective treatment and/or paint finish; provision of temporary pipe spools including all necessary installation and removal operations; any other item necessary for the complete installation; all testing; construction verification and pre-commissioning, including clearing of all punch list items. 		
PEZ	Piping Special Items Installation	ea	<p>The unit rate for special items (hoses, nozzles, spigots, maric valves and similar) shall include but not be limited to:</p> <ul style="list-style-type: none"> receipt and inspection of supplied materials / equipment; safe temporary storage; loading, transport to the erection Site and off-loading; handling; installation; all testing. 	Measurement will be per each (ea) actual quantity installed as measured from the Engineered IFC drawings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment								
QAA, QAB	Pipe and Pipe Fittings Insulation and Cladding Installation	m	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none">• receipt and inspection of supplied materials / equipment;• safe temporary storage;• loading, transport to the erection Site and off-loading;• handling;• installation;• any other item necessary for the complete installation;• all testing (as required);• construction verification and pre-commissioning, including clearing of all punch list items.	<p>Measured in linear metres (m) along the pipe centre line from the Engineered IFC drawings and isometric drawings (where developed) with no allowance for waste. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</p> <table><tr><th>Pre-Fabricated</th><th>Installation</th><th>Punch List Items Cleared</th><th>QA/QC documents submitted</th></tr><tr><td>40%</td><td>50%</td><td>7.5%</td><td>2.5%</td></tr></table>	Pre-Fabricated	Installation	Punch List Items Cleared	QA/QC documents submitted	40%	50%	7.5%	2.5%	<p>Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.</p>
Pre-Fabricated	Installation	Punch List Items Cleared	QA/QC documents submitted										
40%	50%	7.5%	2.5%										

Table 5.5.5 – Measurement and Payment – Electrical – Schedule of Rates

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment						
EEC	Cable Installation	m	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none">• receipt, account and inspection (drum testing) of supplied materials / equipment;• safe temporary storage;• loading, transport to installation area and off-loading;• handling;• installation;• fixing in cable trays, in conduit, to surfaces of structures or in trenches;• cable joints in running length (if required);• cable capping;• saddles, cable ties, clamps and clips;• cable tags;• cable identification markers;• access equipment or scaffolding required for work at heights;• any other item necessary for the complete installation;• all testing;• construction verification and pre-commissioning, including clearing of all punch list items.	<p>Measured in linear metres (m) from the Engineered IFC drawings as the net length between termination points with no allowance for waste, cable sag or termination tails. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</p> <table><tr><th>Installation</th><th>Construction Verification (including clearing punch list items)</th><th>QA/QC documents submitted and approved</th></tr><tr><td>90%</td><td>7.5%</td><td>2.5%</td></tr></table>	Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved	90%	7.5%	2.5%	<p>Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.</p>
Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved									
90%	7.5%	2.5%									
EEG	Cable Terminations Installation	pair	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none">• receipt and inspection of supplied materials / equipment;• safe temporary storage;• skinning ends of cables to expose conductors;• looming;• earthing;• cable termination glands;• pins;• locknuts;• lugs;• core identification;• cable identification markers;• access equipment or scaffolding required for work at heights;• any other item necessary for the complete installation;	<p>Measurement will be per pair (two ends of the cable) of actual cable termination installed as measured from the Cable Schedules. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</p> <table><tr><th>Installation</th><th>Construction Verification (including clearing punch list items)</th><th>QA/QC documents submitted and approved</th></tr><tr><td>90%</td><td>7.5%</td><td>2.5%</td></tr></table> <p>Note: Cable terminations quantity measurement is not based on the number of cable cores, only per each cable end.</p>	Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved	90%	7.5%	2.5%	<p>Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule</p>
Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved									
90%	7.5%	2.5%									

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment
			<ul style="list-style-type: none"> all testing; construction verification and pre-commissioning, including clearing of all punch list items. 		
EEE	Conduit Installation	m	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> receipt and inspection of supplied materials / equipment; safe temporary storage; loading, transport to installation area and off-loading; handling; installation; trenching (if required); support brackets (if required); access equipment or scaffolding required for work at heights; any other item necessary for the complete installation; all testing; construction verification and pre-commissioning, including clearing of all punch list items. 	Measured in linear metres (m) from the Engineered IFC drawings or from as built red lined drawings as the net length between termination points with no allowance for waste.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.
EEA	Cable Ladder / Tray Installation	m	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none"> receipt and inspection of supplied materials / equipment; safe temporary storage; loading, transport to installation area and off-loading; handling; installation; fittings other than bends, tees, risers and reducers, which are measured separately; connecting plates; barrier strips; covers; backing plates; fixings; welded and/or bolted joints; earthing; supports other than primary supports (structural steelwork supports) detailed on the Engineered 	Measured in linear metres (m) from the Engineered IFC drawings or from Company accepted as installed / as built red lined engineering drawings along the centreline of the cable ladder excluding fittings.	Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement			Method of Payment			
			<div>IFC drawings and/or supplied by others;</div> <div><div><div></div></div><div>touch-up of surface protection;</div><div>access equipment or scaffolding required for work at heights;</div><div>any other item necessary for the complete installation.</div></div>							
EEA	Cable Ladder Cover Installation	m	<div>The unit rate shall include but not be limited to:</div> <div><div><div></div></div><div>receipt and inspection of supplied materials / equipment;</div><div>safe temporary storage;</div><div>loading, transport to the erection Site and off-loading;</div><div>handling;</div><div>installation;</div><div>all testing;</div><div>any other item necessary for the complete installation.</div></div>	Measured in linear metres (m) from the Engineered IFC drawings or Company accepted as installed / as built red lined engineering drawings along the centreline of the cable ladder cover.			Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.			
EEB	Cable Ladder / Tray Fittings Installations	ea	<div>The unit rate shall include but not be limited to:</div> <div><div><div></div></div><div>receipt and inspection of supplied materials / equipment;</div><div>safe temporary storage;</div><div>loading, transport to the erection Site and off-loading;</div><div>handling;</div><div>installation;</div><div>all testing;</div><div>any other item necessary for the complete installation.</div></div>	Measurement will be for each (ea) actual quantity installed as measured from the Engineered IFC drawings or from Company accepted as installed / as built red lined engineering drawings.			Payment will be based on actual quantities completed (measured in accordance with the method of measurement) and multiplied by the relevant unit rate in the Pricing Schedule.			
EFA	Lighting and Small Power Installation	ea	<div>The unit rate shall include but not be limited to:</div> <div><div><div></div></div><div>receipt and inspection of supplied materials / equipment;</div><div>safe temporary storage;</div><div>loading, transport to the erection Site and off-loading;</div><div>handling;</div><div>installation;</div><div>brackets, supports, fittings and fixings;</div><div>junction boxes, poles and accessories;</div><div>bolting, welding, screwing;</div></div>	<div>Measurement will be per each (ea) actual quantity installed measured from Engineered IFC drawings or from Company accepted as installed / as built red lined engineering drawings. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</div> <table><tr><td>Installation</td><td>Construction Verification (including clearing punch</td><td>QA/QC documents</td></tr></table>			Installation	Construction Verification (including clearing punch	QA/QC documents	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.
Installation	Construction Verification (including clearing punch	QA/QC documents								

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement			Method of Payment					
			<ul style="list-style-type: none">any excavation and concrete works required for installation;touch-up of surface protection;access equipment or scaffolding required for work at heights;any other item necessary for the complete installation;all testing;construction verification and pre-commissioning, including clearing of all punch list items. <p>The unit rate shall exclude cable, termination and conduit, which is measured separately.</p>	<table><tr><td></td><td>list items)</td><td>submitted and approved</td></tr><tr><td>90%</td><td>7.5%</td><td>2.5%</td></tr></table>		list items)	submitted and approved	90%	7.5%	2.5%		
	list items)	submitted and approved										
90%	7.5%	2.5%										
Applicable to all the Electrical Equipment Commodity Codes (ED) Listed	Electrical Equipment Installation	ea	<p>The unit rate shall include but not be limited to:</p> <ul style="list-style-type: none">receipt and inspection of supplied materials / equipment;safe temporary storage;loading, transport to the erection Site and off-loading;handling;installation;supports and brackets (if required);access equipment or scaffolding required for work at heights;any other item necessary for the complete installation;all testing;construction verification and pre-commissioning, including clearing of all punch list items. <p>The unit rates shall exclude earthworks and concrete works.</p>	<p>Measurement will be per each (ea) actual equipment installed as per Engineered IFC drawings and Equipment Schedule. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</p> <table><tr><td>Installation</td><td>Construction Verification (including clearing punch list items)</td><td>QA/QC documents submitted and approved</td></tr><tr><td>90%</td><td>7.5%</td><td>2.5%</td></tr></table>	Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved	90%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule	
Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved										
90%	7.5%	2.5%										

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement			Method of Payment						
EFC	Earthing / Lightening Bulks	ea	The unit rate shall include the supply and installation of ground test wells, earth pits, grounding rods, exothermic welds, lightening protection bulks, lightening poles, cadwelds and similar item as required and indicated on the Engineering IFC drawings.	<div>Measurement will be per each (ea) actual earthing bulks installed as per Engineered IFC drawings or from as built red lined drawings. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</div> <table><tr><th>Installation</th><th>Construction Verification (including clearing punch list items)</th><th>QA/QC documents submitted and approved</th></tr><tr><td>90%</td><td>7.5%</td><td>2.5%</td></tr></table>			Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved	90%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule
Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved											
90%	7.5%	2.5%											

Table 5.5.6 – Measurement and Payment – Instrumentation – Schedule of Rates

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement	Method of Payment						
EEC	Cable Installation	m	<div>The unit rate shall include but not be limited to:<ul style="list-style-type: none">• receipt, account and inspection of supplied materials / equipment;• safe temporary storage;• loading, transport to installation area and off-loading;• handling;• installation;• fixing in cable trays, in conduit, to surfaces of structures or in trenches;• cable joints in running length (if required);• cable capping;• saddles, cable ties, clamps and clips;• cable tags;• cable identification markers;• access equipment or scaffolding required for work at heights;• any other item necessary for the complete installation;• all testing;• construction verification and pre-commissioning, including clearing of all punch list items.</div>	<div>Measured in linear metres (m) from the Engineered IFC drawings as the net length between termination points with no allowance for waste, cable sag or termination tails. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</div> <table><tr><th>Installation</th><th>Construction Verification (including clearing punch list items)</th><th>QA/QC documents submitted and approved</th></tr><tr><td>90%</td><td>7.5%</td><td>2.5%</td></tr></table>	Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved	90%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule
Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved									
90%	7.5%	2.5%									
EEG	Cable Termination Installation	ea	<div>The unit rate shall include but not be limited to:<ul style="list-style-type: none">• receipt and inspection of supplied materials / equipment;• safe temporary storage;• skinning ends of cables to expose conductors;• looming;• earthing;• cable termination glands;• pins;• locknuts;• lugs;• core identification;• cable identification markers;• access equipment or scaffolding required for work at heights;• any other item necessary for the complete installation;</div>	<div>Measurement will be per each (ea) of actual cable termination installed as measured from the Cable Schedules. Progress measurement will be based on actual quantity installed in accordance with the following weightings:</div> <table><tr><th>Installation</th><th>Construction Verification (including clearing punch list items)</th><th>QA/QC documents submitted and approved</th></tr><tr><td>90%</td><td>7.5%</td><td>2.5%</td></tr></table>	Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved	90%	7.5%	2.5%	Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule
Installation	Construction Verification (including clearing punch list items)	QA/QC documents submitted and approved									
90%	7.5%	2.5%									

Commodity Code	Description	Unit of Measure	Work Included	Method of Measurement		Method of Payment	
			<ul style="list-style-type: none">all testing;construction verification and pre-commissioning, including clearing of all punch list items.				
Applicable to all the Instrumentation on Commodity Codes (J) Listed	Equipment Installation	ea	The unit rate shall include but not be limited to: <ul style="list-style-type: none">receipt and inspection of supplied materials / equipment;safe temporary storage;loading, transport to the erection Site and off-loading;handling;installation;supports, clips, brackets, fittings, fixings, trays, bolting, welding, screwing;touch-up of surface protection;removing and reinstalling as required for piping installation testing or other specified requirements;integral wiring up;tubing;labelling;calibration;access equipment or scaffolding required for work at heightsany other item necessary for the complete installation.	Measurement will be for each (ea) actual equipment installed as measured from the Engineered IFC drawings or Instrumentation Schedules. Progress measurement will be based on actual quantity installed in accordance with the following weightings:		Payment will be based on the agreed progress percentage (%) achieved in accordance with the method of measurement multiplied by the relevant unit rate in the Pricing Schedule.	
				Installation	Construction Verification (including clearing punch list items)		QA/QC documents submitted and approved
				90%	7.5%		2.5%

Schedule 5.6

Rates for Variations

1 General

Pricing of any Company approved Variations shall be based, where applicable, against the unit rates in the Pricing Schedule and the unit rates contained in this Schedule 5.6 in accordance with the provisions of this Agreement.

The following shall apply to the unit rates for Variations in this Schedule:

- a) The unit rates shall be priced in accordance with the Preamble to the Pricing Schedules.
- b) The supply unit rates are to be inclusive of all materials and costs associated with an item including but not limited to procurement, packaging, loading, transport to Site, storage, and handling.
- c) The installation unit rates are to be inclusive of all costs required to install the item including but not limited to labour, construction equipment, tools, consumables, and all other associated items.
- d) The unit rates shall include all indirect costs to cover Contractor's obligations under the Contract and all matters, things, and items of expense (supervision, insurances, taxes, overheads, and administration costs, profit margins, mark-ups, and similar) necessary to complete the Work.
- e) The unit rates shall exclude GST / VAT

Schedule 5.7

Cash Flow Forecast

The cash flow forecast included herein is the estimated net value of monthly payment claims, which shall not be a basis for payment.

Following award of this Agreement, the Contractor shall submit with each payment claim an updated cash flow forecast representing the Contractor's estimate of the net value of its future monthly progress claims, including approved Variations to the Contract Price and current progress. This updated cash flow forecast shall not be a basis for payment.

(The Tenderer shall submit a monthly cash flow forecast representing the Tenderer's estimate of the net value of its monthly progress claims.)

Table 5.7.1 - Cash Flow Forecast (Separable Portion 1)

Month	Description	%	Forecast Value of Contractor's Payment Claim per Month USD	Cumulative Total (USD)
Separable Portion 1 – Construction Water Borefield Pipeline				
MMM	Tenderer to specify	X%		
TOTAL		100%		

Table 5.7.2 - Cash Flow Forecast (Separable Portion 2)

Month	Description	%	Forecast Value of Contractor's Payment Claim per Month USD	Cumulative Total (USD)
Separable Portion 2 – Construction Water Transfer Pipeline				
MMM	Tenderer to specify	X%		
TOTAL		100%		

Table 5.7.3 - Cash Flow Forecast (Separable Portion 3)

Month	Description	%	Forecast Value of Contractor's Payment Claim per Month USD	Cumulative Total (USD)
Separable Portion 3 – Construction Water Pumping & Pipeline Supporting Infrastructure				
MMM	Tenderer to specify	X%		
TOTAL		100%		

Schedule 6

Milestones

Schedule 6.1

Programme

The Contractor shall submit a detailed programme in the format and at the time specified in this Agreement and Schedule 6 and in accordance with the “Contractor Project Planning and Scheduling Guideline, document number PSG-GUI-001”.

The detailed programme shall take into consideration the following commencement and completion dates nominated by the Company.

(The Tenderer shall submit a detailed (minimum level 4) programme indicating all activities required to complete the Works. The submitted construction schedule shall indicate the following: procurement dates for all major items, mobilisation details for temporary facilities, construction equipment and labour, detailed sequence of work, total Site manning numbers, shown as indirect, direct and staff, which shall include all Site personnel, including Subcontractors.)

Table 6.1 – Milestone / Programme Dates

Item	Description	Start Date	Finish Date	Verification
1.	Contract Award	24-05-2024		
2.	Mobilisation	21-06-2024	21-07-2024	
3.	SP 1 – Construction Water Borefield Pipeline	21-06-2024	01-02-2025	
4.	SP 2 – Construction Water Transfer Pipeline	21-06-2024	28-02-2025	
5.	SP 3 – Construction Water Pumping & Pipeline Supporting Infrastructure	21-06-2024	14-02-2025	
6.	Demobilisation	<i>Tenderer to Advise</i>	<i>Tenderer to Advise</i>	
7.	Practical Completion		28-02-2025	

The Contractor nominated the following public holidays on which Work will not be performed.

1.

2.

3.

Schedule 6.2

Labour

1 Labour Histogram

The Contractor has submitted the attached estimated labour histogram indicating personnel allocated for the performance of the Works.

(The Tenderer shall submit the information contained in the Excel Spreadsheet provided, indicating mobilisation to Site and the duration on Site dates for each proposed category of personnel.)

2 Manpower Requirements

The Contractor indicated the following manpower requirements for the performance of the Works.

Table 6.2.1 – Manpower Requirements

Description	Manual Direct Manhours	Manual Indirect Manhours	Non-manual Manhours	Total Manhours
Offsite				
Onsite				
Total				

END OF Schedule 6

Schedule 7

List of approved subcontractors

As of the Effective Date, the Parties have agreed on the Subcontractors listed below. At any time during the Term, the Parties may modify (add, decrease, or otherwise amend) the list, in accordance with Clause 5 [*Subcontractors*] of the Construction Contract.

Table 7.1 – List of Approved Subcontractors

Item	Company Name	Trade	Contact Name and Email	Contact Phone Nos.	Company Address	Type of Services
1.	<i>Tenderer to Specify</i>					

END OF Schedule 7

Schedule 8

Company's Standards

The following Company Standards (data sheets, guides, lists, policies, specifications, standards and drawings) form part of the Agreement:

Table 8.1 – List of Data Sheets

Document No.	Rev	Title
2270-0100-GDAS-001_B	B	SITE DATA SHEET - GEOGRAPHIC, CLIMATIC AND SEISMIC DATA for the REKO DIQ COPPER GOLD PROJECT
6105AK004-7179-ED19-0001	A	Early Works Water Pipeline System LV Motor Control Centres Data Sheet
6105AK004-7179-ED19-0002	A	Early Works Water Pipeline System VSDs Data Sheet
6105AK004-7179-ED19-0003	A	Early Works Water Pipeline System UPSs Data Sheet
6105AK004-7179-ED19-0004	A	Early Works Water Pipeline System Adaptive Harmonic Filters (AHF) Data Sheet
6105AK004-7179-FD26-0008	0	Reko Diq Barrick Pipeline FS Pig Launcher and Receiver Datasheet
6105AK004-7179-FD26-0009	0	Reko Diq Barrick Pipeline FS Overhead Crane Datasheet
6105AK004-7179-ID19-0001	A	Reko Diq Barrick Pipeline FS Actuated Valve Data Sheets
6105AK004-7179-MD19-0001	0	Reko Diq Barrick Pipeline FS Centrifugal Pump Datasheet
6105AK004-7179-MD19-0002	0	Reko Diq Barrick Pipeline FS Early Works Tank Datasheet
6105AK004-7179-PD19-0001	0	Reko Diq Barrick Pipeline FS Early Works Piping Data Sheet Pack
6105AK013-7177-ED19-0001	A	Datasheet for Diesel Generator (FSWW004-PB)
6105AK013-7177-ED19-0004	A	Datasheet for Diesel Generator (FSWW013-PB)
6105AK013-7177-ED19-0005	A	Datasheet for Low Voltage Motor Control Center
6105AK013-7177-MD19-0001	A	Data Sheet For Bore Pump (FSWW004-PB)
6105AK013-7177-MD19-0003	A	Data Sheet For Bore Pump (FSWW013-PB)
6105AK013-7177-PD19-0001	B	Pipeline Data Sheet- Ductile Iron

Table 8.2 – List of Guides

Document No.	Rev	Title
BRM-GUI-001	0	Mobile Work Platform Guideline
BRM-GUI-003	0	Scaffolding Guideline
BRM-GUI-004	1	Safe Working at Heights Guideline
BRM-GUI-005	2	Traffic Management
BRM-GUI-006	1	Management and Operation of Mobile Plant
BRM-GUI-007	0	Light Vehicle Use and Management
BRM-GUI-008	1	Confined Space Entry
BRM-GUI-009	0	Barriers and Barricading

Document No.	Rev	Title
BRM-GUI-010	0	Cranes and Lifting Equipment Guideline
BRM-GUI-011	0	PPE Requirements
BRM-GUI-018	0	Excavation Guideline
BRM-GUI-019	0	Safe Work Method Statement Guideline
BRM-GUI-021	0	Loading and Unloading Guideline
PRJ-GUI-001	0	MDR Guidelines
PSG-GUI-001	0	Contractor Project Planning and Scheduling Guideline

Table 8.3 – List of Lists

Document No.	Rev	Title
11-3182-04-PP-LST-0001	A	Early Works Pipeline Line List
11-3182-04-PP-LST-0002	A	Early Works Line List
6105AK004-7179-ED18-0001	B	Early Works Water Pipeline System EC&I MTO
6105AK004-7179-ED21-0001	B	Early Works Water Pipeline System Electrical User List
6105AK004-7179-ED21-0002	B	Early works Water Pipeline System Electrical Cable Schedule
6105AK004-7179-ED21-0003	A	Early Works Water Pipeline System MCCs, AHFs List
6105AK004-7179-ED21-0004	A	Early Works Water Pipeline System VSD's List
6105AK004-7179-ED21-0005	A	Early Works Water Pipeline System Low Voltage DBs List
6105AK004-7179-ED21-0006	A	Early Works Water Pipeline System UPSs List
6105AK004-7179-ID21-0001	0	Reko Diq Barrick Pipeline FS Instrumentation List
6105AK004-7179-ID21-0002	A	Early Works Water Pipeline System Instrument IO List
6105AK004-7179-ID21-0003	A	Early Works Water Pipeline System Instrument Cable List
6105AK004-7179-ID21-0004	A	Early Works Water Pipeline System PLC/RIO Panel List
6105AK004-7179-MD21-0001	0	Reko Diq Barrick Pipeline FS EW Valve List
6105AK004-7179-MD21-0002	0	Reko Diq Barrick Pipeline FS Mechanical Equipment List
6105AK004-7179-MD21-0003	A	Reko Diq Barrick Pipeline FS Early Works Line List

Table 8.4 – List of Policies

Document No.	Rev	Title
N/A	N/A	Barrick – Environmental Policy
N/A	N/A	Barrick – Occupational Health & Safety Policy
N/A	N/A	Barrick – Anit Bribery & Anti-Corruption Policy
N/A	N/A	Barrick - Anti Fraud Policy
N/A	N/A	Barrick – Code of Business conduct and Ethics

Table 8.5 – List of Specifications

Document No.	Rev	Title
11-3182-00-ME-SPE-002	A	Technical Specification for Modular Steel Tanks
11-3182-04-IC-SPE-0001	A	Technical Specification for Cathodic Protection
2270-0100-PSPC-001	A	Piping Specification for the Design, Manufacture and Supply of Piping Materials

2270-0100-PSPC-003	A	Piping Specification for the Design, Manufacture and Supply of Valves
2270-GSPC-002	A	General Specification- Documentation and Marking Instructions
6105AK004-0100-FD26-0001	A	Technical Specification for Coating and Corrosion Protection of Overland Piping
6105AK004-0100-FD26-0002	A	Reko Diq Barrick Pipeline FS Technical Specification for 3LPE Coating
6105AK004-7179-ED24-0001	A	Early Works Water Pipeline System Adaptive Harmonic Filters (AHF) Specification
6105AK004-7179-PD19-0001	0	Reko Diq Barrick Pipeline FS Early Works Piping Data Sheet Pack
6105AK004-9126-FD26-0007	A	Reko Diq Barrick Pipeline FS Technical Specification for Overhead Crane
6105AK013-7177-PD24-0001	A	Piping Material Specification-Carbon Steel
6105AK013-7177-PD24-0001	A	Piping Material Specification- Ductile Iron
Annexure F		Geotechnical Report on Reko Diq Water Feasibility Project, Baluchistan
LYCO-CSPC-002	2	Concrete Specification- Concrete Works
LYCO-CSPC-003	1	Concrete Specification- Reinforcing Bars and Wire Fabric
LYCO-CSPC-004	0	Concrete Specification- Anchor Bolts
LYCO-CSPC-005	2	Concrete Specification- Concrete Block Masonry
LYCO-GSPC-001	2	Transport and Shipping Packing Instructions
LYCO-GSPC-003	2	Technical Information Requirements
LYCO-MSPC-001	3	Mechanical Specification for Supply & Application of Surface Treatment and Finishes
LYCO-MSPC-019	1	Mechanical Plant Erection
LYCO-MSPC-041	2	Mechanical Specification- Fabrication Tolerances For Mechanical Plant
LYCO-SSPC-003	1	Structural Specification-High Strength Bolts
LYCO-SSPC-004	1	Structural Specification- Guidance On Monorail Deflection Testing
LYCO-SSPC-005	1	Structural Specification- Building Cladding, Insulation
LYCO-WSPC-001	2	Civil Specification- Earthworks
LYCO-WSPC-002	1	Civil Specification-Stormwater Drainage
LYCO-WSPC-003	1	Civil Specification-Sewage Systems
LYCO-WSPC-004	1	Civil Specification-Roadworks
LYCO-WSPC-006	0	Civil Specification- Potable Water Reticulation
LYCO-WSPC-007	1	Civil Specification- General Purpose Fencing
LYCO-WSPC-008	1	Civil Specification- Geosynthetic Membranes
LYCO-WSPC-010	1	Civil Specification- Stonework

Table 8.6 – List of Standards

Document No.	Rev	Title
6105AK004-7143-FD06-0001	B	Standards Typical Details - Sheet 1 Piping and Instrumentation Diagram
6105AK004-7143-FD06-0002	B	Standards Typical Details - Sheet 2 Piping and Instrumentation Diagram
6105AK004-7143-FD06-0003	B	Standards Typical Details - Sheet 3 Piping and Instrumentation Diagram

Table 8.7 – List of Drawings:

Document No.	Rev	Title
6105AK004-7178-CD05-0001	A	Reko Diq Barrick Pipeline FS Pipeline Typical Details
6105AK004-7178-SD05-0001	A	Reko Diq Barrick Pipeline FS Borefield Water Pipeline System - Pump Station General Steel Notes
6105AK004-7179-ED01-0001	B	Early Works Water Pipeline System Booster Pump Station Substation General Arrangement Drawing - Internal Views
6105AK004-7179-ED01-0002	B	Early Works Water Pipeline System Booster Pump Station Substation General Drawing Arrangement Drawing - External Views
6105AK004-7179-ED01-0003	B	Early Works Water Pipeline System Booster Pump Station Substation General Arrangement Drawing - Platforms and Bases
6105AK004-7179-ED01-0004	A	Early Works Water Pipeline System Booster Pump Station 400 V MCC General Arrangement
6105AK004-7179-ED01-0005	A	Early Works Water Pipeline System Booster Pump Station VSDs General Arrangement
6105AK004-7179-ED01-0006	A	Early Works Water Pipeline System Booster Pump Station 400 V DB General Arrangement
6105AK004-7179-ED01-0007	A	Early Works Water Pipeline System Booster Pump Station Control Supply 230 V UPS DB General Arrangement
6105AK004-7179-ED01-0008	A	Early Works Water Pipeline System Booster Pump Station 230 V UPS DB General Arrangement
6105AK004-7179-ED01-0009	A	Early Works Water Pipeline System Booster Pump Station E-Lighting 230 V UPS DB General Arrangement
6105AK004-7179-ED01-0010	A	Early Works Water Pipeline System Pig Receiver Area 400 V DB General Arrangement
6105AK004-7179-ED01-0011	A	Early Works Water Pipeline System Pig Receiver Area 230 V UPS DB General Arrangement
6105AK004-7179-ED10-0001	B	Reko Diq Barrick Pipeline FS EW Network SLD
6105AK004-7179-ED10-0002	A	Early Works Water Pipeline System Booster Pump Station 400 V MCC Single Line Diagram
6105AK004-7179-ED10-0003	A	Early Works Water Pipeline System Booster Pump Station 400 V DB Single Line Diagram
6105AK004-7179-ED10-0004	A	Early Works Water Pipeline System Booster Pump Station Control Supply 230 V UPS DB Single Line Diagram
6105AK004-7179-ED10-0005	A	Early Works Water Pipeline System Booster Pump Station 230 V UPS DB Single Line Diagram
6105AK004-7179-ED10-0006	A	Early Works Water Pipeline System Booster Pump Station E-Lighting 230 V UPS DB Single Line Diagram
6105AK004-7179-ED10-0007	A	Early Works Water Pipeline System Pig Receiver Area 400 V DB Single Line Diagram
6105AK004-7179-ED10-0008	A	Early Works Water Pipeline System Pig Receiver Area 230 V UPS DB Single Line Diagram
6105AK004-7179-GD02-0001	A	Early Works Water Pipeline System BFW & Early Works Booster Pump Station Plan View Layout
6105AK004-7179-ID05-0001	A	Early Works Water Pipeline System Typical DI Loop Diagram
6105AK004-7179-ID05-0002	A	Early Works Water Pipeline System Typical DO Loop Diagram
6105AK004-7179-ID05-0003	A	Early Works Water Pipeline System Typical AI Loop Diagram
6105AK004-7179-ID05-0004	A	Early Works Water Pipeline System Typical Loop Diagram Electrical Actuated Valve
6105AK004-7179-ID18-0001	A	Early Works Water Pipeline System PLC Network Architecture
6105AK004-7179-MD01-0001	A	Early Works Water Pipeline Booster Pump Station Mechanical General Arrangement

Document No.	Rev	Title
6105AK004-7179-PD01-0001	A	Early Works Water Pipeline Booster Pump Station Piping General Arrangement
6105AK004-7179-PD01-0002	A	Early Works Water Pipeline Booster Pump Station Elevation and Detail Piping General Arrangement
6105AK004-7179-SD01-0001	B	EARLY WORKS WATER PIPELINE SYSTEM ISOMETRIC VIEW EARLY WORKS PUMP STATION
6105AK004-7179-SD01-0002	A	EARLY WORKS WATER PIPELINE SYSTEM ISOMETRIC VIEW EARLY WORKS PUMP STATION MCC STRUCTURE
6105AK004-9126-CD02-0001	A	Early Works Water Pipeline System Early Works Pump Station Earthwork Layout, Details & Elevation
6105AK004-9126-CD02-0002	A	Early Works Water Pipeline System Early Works Pump Station Foundation Layout
6105AK004-9126-CD02-0003	A	Early Works Water Pipeline System Early Works Pump Station Surface Bed
6105AK004-9126-CD05-0001	A	Early Works Water Pipeline System Early Works Pump Station Section & Details Sheet 1
6105AK004-9126-ED01-0001	B	EW Substation GA Internal Views
6105AK004-9126-ED01-0002	B	EW Substation GA External Views
6105AK004-9126-ED01-0003	B	EW Substation GA Platforms and Bases
6105AK004-9126-ED01-0004	A	EW BPS 400 V MCC
6105AK004-9126-ED01-0005	A	EW BPS VSDs
6105AK004-9126-ED01-0006	A	EW BPS 400 V DB
6105AK004-9126-ED01-0007	A	EW BPS Control 230 V UPS DB
6105AK004-9126-ED01-0008	A	EW BPS Station 230 V UPS DB.pdf
6105AK004-9126-ED01-0009	A	EW BPS E-Lighting 230 V UPS DB
6105AK004-9126-ED01-0010	A	EW Pig Receiver 400 V DB
6105AK004-9126-ED01-0011	A	EW Pig Receiver 230 V UPS DB
6105AK004-9126-ED10-0001	B	EW Network SLD
6105AK004-9126-ED10-0002	A	EW 400 V MCC
6105AK004-9126-ED10-0003	A	EW STATION 400 V DB
6105AK004-9126-FD06-0001	C	Reko Diq Barrick Pipeline FS EW Booster Pump Station Piping & Instrumentation Diagram
6105AK004-9126-FD06-0002	B	Reko Diq Barrick Pipeline FS EW Pig Launching System Piping & Instrumentation Diagram
6105AK004-9126-FD06-0003	B	Reko Diq Barrick Pipeline FS EW Air Release Stations Piping & Instrumentation Diagram
6105AK004-9126-FD06-0004	B	Reko Diq Barrick Pipeline FS EW Pig Receiving System Piping & Instrumentation Diagram
6105AK004-9126-PD02-0001	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 1
6105AK004-9126-PD02-0002	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 2
6105AK004-9126-PD02-0003	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 3
6105AK004-9126-PD02-0004	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 4
6105AK004-9126-PD02-0005	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 5
6105AK004-9126-PD02-0006	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 6

Document No.	Rev	Title
6105AK004-9126-PD02-0007	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 7
6105AK004-9126-PD02-0008	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 8
6105AK004-9126-PD02-0009	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 9
6105AK004-9126-PD02-0010	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 10
6105AK004-9126-PD02-0011	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 11
6105AK004-9126-PD02-0012	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 12
6105AK004-9126-PD02-0013	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 13
6105AK004-9126-PD02-0014	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 14
6105AK004-9126-PD02-0015	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 15
6105AK004-9126-PD02-0016	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 16
6105AK004-9126-PD02-0017	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 17
6105AK004-9126-PD02-0018	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 18
6105AK004-9126-PD02-0019	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 19
6105AK004-9126-PD02-0020	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 20
6105AK004-9126-PD02-0021	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 21
6105AK004-9126-PD02-0022	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 22
6105AK004-9126-PD02-0023	A	Early Works Pipeline System Fan Sediments to Plant Pipeline Route Sheet 23
6105AK004-9126-SD01-0001	A	Early Works Water Pipeline System Early Works Pump Station Isometric View
6105AK004-9126-SD02-0001	A	Early Works Water Pipeline System Early Works Pump Station Base Plate Layout
6105AK004-9126-SD02-0002	A	Early Works Water Pipeline System Early Works Pump Station Roof Plan Layout
6105AK004-9126-SD02-0003	A	Early Works Water Pipeline System Early Works Pump Station MCC Structure Structural Plan and Section
6105AK004-9126-SD05-0001	A	Early Works Water Pipeline System Early Works Pump Station Elevation
6105AK004-9126-SD05-0002	A	Early Works Water Pipeline System Early Works Pump Station Sections & Details Sheet 2
6105AK004-9126-SD05-0003	A	Early Works Water Pipeline System Early Works Pump Station Sheeting Arrangement
6105AK013-7178-FD06-0001	A	Fan Sediments 50LPS Bore Field Development Detail Design Piping and Instrumentation Diagram Legend Sheet
6105AK013-7178-FD06-0002	A	Fan Sediments 50LPS Bore Field Development Detail Design Piping and Instrumentation Diagram FSWW004-PB Production Well
6105AK013-7178-FD06-0003	A	Fan Sediments 50LPS Bore Field Development Detail Design Piping and Instrumentation Diagram FSWW013-PB Production

Document No.	Rev	Title
		Well
6105AK013-7178-FD06-0004	A	Fan Sediments 50LPS Bore Field Development Detail Design Piping and Instrumentation Diagram Booster Pump Station
6105AK013-7178-FD06-0005	A	Fan Sediments 50LPS Bore Field Development Detail Design Piping and Instrumentation Diagram Power Generation System
6105AK013-7178-FD07-0001	A	Fan Sediments 50LPS Bore Field Development Detail Design Process Flow Diagram
5065032-DWP-0001	01	Fan Sediments 50L/s System Drawing Index
5065032-DWP-0011	01	Fan Sediments 50L/s System Route Plan & Longitudinal Section Sheet 1
5065032-DWP-0012	01	Fan Sediments 50L/s System Route Plan & Longitudinal Section Sheet 2
5065032-DWP-0013	01	Fan Sediments 50L/s System Route Plan & Longitudinal Section Sheet 3
5065032-DWP-0014	01	Fan Sediments 50L/s System Route Plan & Longitudinal Section Sheet 4
5065032-DWP-0015	01	Fan Sediments 50L/s System Route Plan & Longitudinal Section Sheet 5
5065032-DWP-0016	01	Fan Sediments 50L/s System Route Plan & Longitudinal Section Sheet 6
5065032-DWP-0017	01	Fan Sediments 50L/s System Route Plan & Longitudinal Section Sheet 7
5065032-DWP-0051	01	Fan Sediments 50L/s System Detail of Pipe Bedding
5065032-DWP-0052	01	Fan Sediments 50L/s System Thrust and Anchor Blocks Details
5065032-DWP-0053	01	Fan Sediments 50L/s Air Valve and Scour Valve Insulation
5065032-DWP-0054	01	Fan Sediments 50L/s System Scour Receiving Pit and Earth Receiving Basin
5065032-DWP-0055	01	Fan Sediments 50L/s System Typical Isolating Valve Installation
5065032-DWP-0056	01	Fan Sediments 50L/s System Back Pressure Control Valve
5065032-DWP-0057	01	Fan Sediments 50L/s System Pig Entry Installation
5065032-DWP-0058	01	Fan Sediments 50L/s System Pig Exit Arrangement
5065032-DWP-0059	01	Fan Sediments 50L/s System Surge Vessel Details
5065032-DWP-0071	01	Fan Sediments 50L/s System Typical Borehole Pump Layout
5065032-DWP-0073	01	Fan Sediments 50L/s System Typical Cover For Pump Pit
-	-	Batter Limit Drawing 1
-	-	Batter Limit Drawing 2
-	-	Batter Limit Drawing 3
-	-	Batter Limit Drawing 4
-	-	Batter Limit Drawing 5
-	-	Batter Limit Drawing 6
-	-	Batter Limit Drawing 7
-	-	Batter Limit Drawing 8
-	-	Booster Pump Station Isometric Views

END OF Schedule 8

Schedule 9

Fiscal Terms

[To be inserted]

END OF Schedule 9

Local Content Requirements

1. Contractor and local personnel

All employment of persons engaged to perform any services (including the Services) shall be on a merit and skill-based recruitment policy.

The Contractor shall use their best endeavours to ensure that:

- more than 65% of all persons engaged to perform any services (including the Services) are Balochistan nationals;
- all employees performing unskilled labour services shall be Pakistan nationals with priority for such roles to be given to Balochistan nationals;
- all roles are advertised in local Balochistan newspapers and bulletin boards within Balochistan;
- roles are only sourced from outside of Balochistan where no suitable candidates who permanently reside in Balochistan are available (suitability to be determined on qualifications, experience, aptitude, approach to safety and any other factors as reasonably agreed between the Parties);
- more than 5% of the total number of persons engaged to perform the Services shall be Balochistan nationals who are enrolled and participating in skill and training or apprentice development programs.

2. Local procurement

The Contractor shall establish and follow procurement processes that:

- (a) maximize, to the greatest extent reasonably practicable, the securing of local goods, materials and services required for the Works from businesses operated by local persons wherever they are competitive on cost, quality, reliability, availability, warranty and security of supply relative to foreign sourced goods, materials and services, and so long as their quality, availability and performance meet the needs and expectations of the Company; and
- (b) work with national, provincial and local level public sector entities to support the development of, and supply and procurement from, businesses operated by local persons,

provided, in each case, that, where goods, materials and services can be reasonably procured from businesses operated by local persons on the basis of the foregoing, the Contractor shall give:

- (1) first preference to businesses owned and operated by local persons which are located within the Province of Balochistan, and
 - (2) second preference to businesses owned and operated by local persons located elsewhere in Pakistan.
- (c) adequately evidence and justify the purchase of goods or services outside of Pakistan upon request of the Company.

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Schedule 11

Daywork Schedule

1 General

The dayworks rates contained in this Schedule will be utilised in the valuation of Variations to the Works carried out as dayworks in accordance with this Schedule and the Conditions of Contract.

Dayworks means minor work which does not form part of the Works, but which is carried out by the Contractor specifically at daywork rates at the written instruction from the Company.

2 Rates to be Inclusive

2.1 Rates for Labour

The rates for labour in this Schedule shall include all costs associated with the provision of labour for dayworks, including but not limited to:

- a) Salaries, wages, overtime, premium payments, payroll costs, taxes, superannuation, sick leave, annual leave, long service leave, public holidays, staff provident fund, staff medical benefits, contract staff bonus, allowances and the like;
- b) Insurances (including workers' compensation insurance);
- c) Supervisory staff including foremen;
- d) Inspection staff;
- e) All tools, consumables and accessories including use and maintenance of hand tools and appliances and non mechanical plant and equipment not provided under construction equipment such as ladders, trestles, scaffolding and the like;
- f) All establishment and disestablishment costs (domestic and international travel, accommodation and living expenses, medicals, PPE, inductions, and similar);
- g) Site accommodation and messing, unless provided by the Company;
- h) Transport around the Site;
- i) Administration and overhead costs;
- j) Office expenses wherever incurred;
- k) Profit, margins and mark-ups of any type whatsoever;
- l) All engineering, shop drawing, design and inspection time required to support and check work performed additional to those included in the Preliminaries Schedule.

The cost of labour shall be charged at the approved actual hours worked as directed by the Company to be carried out as dayworks under the Contract. Idle time, travelling time and non-productive time in respect of labour will not be allowed to be claimed by the Contractor. Payment for dayworks shall be against daily time sheets submitted to and approved by the Company. Time sheets shall list the name of employee, classification, activities or tasks performed and hours spent on each activity plus material installed and construction equipment used, as applicable.

2.2 Rates for Construction Equipment

The rates for construction equipment in this Schedule shall include all costs associated with the provision of construction equipment for dayworks, including but not limited to:

- a) Depreciation;
- b) Insurances;
- c) Licences and permits;
- d) Wear and tear, repairs and maintenance, including any repairs to comply with the Company or occupational health and safety requirements;
- e) Consumables including fuel, lubricants, spare parts, tyres;
- f) Fittings and attachments required for safe and efficient operation;
- g) Travel and standby time arising from maintenance, repairs and absence of operators;
- h) Service and maintenance labour;
- i) Support equipment;
- j) Administration and overhead costs;
- k) Profit, margins and mark-ups of any type whatsoever;
- l) The rate shall exclude the cost of an operator;
- m) The rate shall exclude cost of mobilisation to Site and demobilisation from Site.

The cost of construction equipment shall be charged at the approved actual hours worked as directed by the Company to be carried out as dayworks under the Contract.

Payment for construction equipment shall commence on the date the construction equipment arrives at the Site and is capable of performing Works and shall cease when the Company deems that such construction equipment is no longer required.

When the operated use of construction equipment is infrequent and, as determined by the Company, need not remain at the Site continuously, payment shall be limited to actual hours of use. Construction equipment employed on dayworks not operating but retained at the location at the Company's direction shall be paid for at the standby rates.

No payment shall be made for construction equipment that is not operating because it is broken down or undergoing repair, maintenance or overhaul.

The rates shall be applicable for all hours worked, regardless of whether the hours are outside the normal Site working hours.

In the event the construction equipment is mobilised to Site on the written instructions of the Company and used only for dayworks, the Contractor shall be paid the actual cost of mobilisation to Site and demobilisation from Site exclusive of overheads and profit. In the event that this construction equipment remains on Site and is used on work other than dayworks by the Contractor, then only an agreed proportion of the transport costs shall be paid for dayworks.

2.3 Materials

Cost of materials shall be the invoiced cost paid by the Contractor for the materials delivered to Site as substantiated by suppliers' invoices less any cash or trade discounts plus a percentage mark-up stated in item 5 of this Schedule to cover:

- n) Providing evidence of cost and quantities;
- o) Receipt on Site, unloading, unpacking, handling, protection, storage and delivery to the area of work;
- p) Insurances;
- q) Administration and overhead costs;
- r) Profit, margins and mark-ups of any type whatsoever.

Payment shall only be made for the quantities of materials actually used in the dayworks including any surplus material accepted by the Company.

2.4 Plant Hire

Cost of plant hire including operating, maintenance, mobilisation to Site and demobilisation from Site costs shall be the invoiced cost as substantiated by suppliers' invoices less any cash or trade discount plus a percentage mark-up stated in item 5 of this Schedule to cover:

- a) Providing evidence of hire, operating and maintenance costs;
- b) Administration and overhead costs;
- c) Profit, margins and mark-ups of any type whatsoever.

The Contractor shall, prior to rental of any plant, submit its proposed quotation for the plant to be rented supported by other competitive quotations, for Company approval.

The cost of plant hire shall be charged at the approved actual hours worked as directed by the Company to be carried out as dayworks under the Contract.

Payment for plant hire shall commence on the date the plant arrives at the Site and is capable of performing Works and shall cease when the Company deems that such plant is no longer required.

When the operated use of plant is infrequent and, as determined by the Company, need not remain at the Site continuously, payment shall be limited to actual hours of use. Plant employed on dayworks not operating but retained at the location at the Company's direction shall be paid for at the standby rates.

No payment shall be made for plant that is not operating because it is broken down or undergoing repair, maintenance or overhaul.

The plant hire rates shall be applicable for all hours worked, regardless of whether the hours are outside the normal Site working hours.

2.5 Labour Hire

The labour hire rates shall include all costs associated with the provision of labour as stated in item 2.1 of this Schedule.

Cost of labour hire shall be the invoiced cost as substantiated by suppliers' invoices less any cash or trade discount plus a percentage mark-up stated in item 5 of this Schedule to cover:

- a) Providing evidence of costs;
- b) Administration and overhead costs;
- c) Profit, margins and mark-ups of any type whatsoever.

The cost of labour hire shall be charged at the approved actual hours worked as directed by the Company to be carried out as dayworks under the Contract. Idle time, travelling time and non-productive time in respect of labour hire will not be allowed to be claimed by the Contractor. Payment for dayworks shall be against daily time sheets submitted to and approved by the Company. Time sheets shall list the name of employee, classification, activities or tasks performed and hours spent on each activity plus material installed and construction equipment used, as applicable.

2.6 Standby

The Contractor shall at all times remain responsible for the efficiency and productivity of its labour and construction equipment.

Standby (excluding suspension as directed in accordance with the Contract) will only be authorised by the Company if:

- a) Access to the Works is not possible (through no fault of the Contractor);
- b) The labour and construction equipment involved cannot be redirected to other duties after all possibilities have been explored; and
- c) The labour and construction equipment involved are required for subsequent Works and cannot be demobilised from Site.

Where standby is authorised by the Company then the Contractor's claim for the costs shall be limited to:

- d) Standby costs for the number and classification of labour agreed to by the Company calculated in accordance with the labour standby rates listed in item 3 below or where no amount is specified, then 75% of the all-inclusive normal working hourly labour rates listed in item 3 below;
- e) Standby costs for the specific items of construction equipment agreed to by the Company calculated in accordance with the construction equipment standby rates listed item 4 below or where no amount is specified, then 75% of the working hourly construction equipment rates listed in item 4 below.

Standby shall only be applicable at the Site and shall be limited to normal working hours.

Except as stated herein the Contractor shall not be entitled to reimbursement for any other costs relating to the particular standby event.

3 Daywork - Labour Rates

The Contractor's all-inclusive hourly rate (exclusive of GST / VAT) for each labour classification is:

Labour Classification	Normal Working Hours USD/hour	Outside Normal Working Hours USD/hour	Nightshift USD/hour	Standby USD/hour

Normal Site Working Hours are as defined in the Company's Requirements.

4 Daywork – Construction Equipment Rates

The construction equipment rates schedule identifies all Contractors' owned and rented construction equipment that may be used by the Contractor in performance of the Works other than hand operated tools and equipment.

The Contractor's all-inclusive rates (exclusive of GST / VAT and operator) for construction equipment are:

Description	Mobilisation Rate USD	Demobilisation Rate USD	Working Rate (excluding Operator) USD/Hour	Standby Rate (excluding Operator) USD/Hour	Owned or Hired

5 Daywork – Materials, Plant Hire and Labour Hire Mark-up

Description	Mark-up
Material	%
Plant Hire	%
Labour Hire	%

END OF Schedule 11

Schedule 12

Schedule of Contractor's Documents

The Contractor shall submit documents in the format and within the period of time as defined in this Schedule and elsewhere in the Contract.

All documents shall be submitted to the nominated Company Representative or Document Control, as outlined in the attached Schedule.

Submissions to Document Control must also be copied to the Company Representative and shall be accompanied by a transmittal.

The Contractor shall allow ten calendar days response time from the date of receipt of documents by the Company.

The Contractor shall not be permitted to mobilise to Site until all Pre-Mobilisation Deliverables listed in this Schedule have been approved by the Company.

Legend:

P = Print (Hard Copy)

E = Electronic (CD, PDF, Email, etc.)

Table 12.1.1 – Schedule of Contractor’s Documents

Without limiting the requirements stipulated elsewhere in this Agreement, the Contractor shall submit the following documents:

Item	Description	Reference Document	No. of Copies and Form	Submission	Submission Issued to:
1.	PRE-MOBILISATION DELIVERABLES:				
1.1	Security	TBC	Original (As per Contract)	Within 14 days from Date of Agreement and prior to mobilisation to Site.	Company Representative
1.2	Insurance Certificate of Currency	TBC	1E	Within 14 days from Date of Agreement	Company Representative
1.4	Mobilisation Plan	SOW, item 2.2.4	1E	Within 21 days from Date of Agreement	Document Control
1.5	Site Plan / Layout of Site Amenities	SOW, item 2.2.6	1E	Minimum of 7 days prior to mobilisation to Site	Document Control
1.6	Accommodation Plan	SOW, item 2.2.12	1E	Within 21 days from Date of Agreement	Document Control
1.7	Fuel Supply and Storage Plan	SOW, item 2.2.14	1E	Within 21 days from Date of Agreement and prior to mobilisation to Site	Document Control
1.8	Work Schedule	SOW, item 2.4.1	1E (pdf and Native File)	Within 21 days from Date of Agreement	Document Control
1.9	Quality Management Plan	SOW item 2.7.1	1E	Within 21 days from Date of Agreement and prior to mobilisation to Site	Document Control
1.10	Health, Safety and Environmental Management Plan	SOW, item 2.9.1 & 2.10.1	1E	Within 14 days from Date of Agreement and prior to mobilisation to Site	Document Control
1.11	Workplace Risk Assessment and Control (WRAC)	SOW, item 2.9.2	1E	Minimum of 14 days prior to mobilisation to Site	Document Control
1.12	Traffic Management Plan	SOW, item 2.9.4	1E	Within 14 days from Date of Agreement and prior to mobilisation to Site	Document Control
1.13	Industrial Management Plan	SOW, item 2.11.1	1E	Within 14 days from Date of Agreement and prior to mobilisation to Site.	Document Control
1.14	Drug and Alcohol Policy	SOW, item 2.12	1E	Within 14 days from Date of Agreement and prior to mobilisation to Site.	Document Control
2.	POST MOBILISATION DELIVERABLES:				
2.1	MDR Index and content detail		1E	Within 14 days from Date of Agreement	Document Control
2.2	Inspection and Test Plans (ITPs) Index and content detail		1E	Within 14 days from Date of Agreement	Document Control
2.3	Construction Plan	SOW, item 2.2.2	1E	Within 14 days from Date of Agreement	Document Control
2.4	Material Take Off (Bill of Materials / BOQ)	SOW, item 2.2.3	1E Format as per Company Representative	Within 7 days of new or revised drawings being issued by the Company	Company Representative

Item	Description	Reference Document	No. of Copies and Form	Submission	Submission Issued to:
2.5	Concrete Mix Design		1E	Within 14 days prior to Work commencing	Document Control
2.6	Test Results	SOW, item 2.7.2	1P + 1E	Submitted within the MDR	Document Control
2.7	Material Safety Data Sheet (MSDS)	SOW, item 2.10.5	1E	Within 7 days prior to materials arriving on Site	Document Control
2.8	As Built Drawings		1E Red lined drawings	Within 7 days after completion of that portion of work and to the date of Certificate of Practical Completion	Document Control
2.9	Weekly Report		1E Format as per Company Representative	Weekly	Company Representative
2.10	Monthly Report		1E Format as per Company Representative	Monthly	Company Representative
3.	PRACTICAL COMPLETION DELIVERABLES:				
3.1	Manufacturer Data Report (MDR)	SOW, item 2.6.2	1P + 1E	Within 7 days prior to issue Certificate of Practical Completion	Document Control
3.2	Close Out Report	SOW, item 2.6.2	1E Format as per Company Representative	Within 7 days prior to issue of Certificate of Practical Completion	Document Control
3.3	Deed of Release	Clause 15.3	1E	With the Final Invoice	Company Representative

END of Schedule 12

Schedule 13

Project Execution Plan

The Contractor shall submit its proposed construction plan for execution of the Works as outlined in the Specification.

(The Tenderer must submit its proposed construction plan with the tender submission in sufficient detail to enable the Company to adequately evaluate the tender submission. Tenderer's narrative shall cover, where applicable, procurement, planning, reporting, mobilisation, project management, as well as all aspects of interface management between fabrication, assembly and Site installation activities.)

END of Schedule

Schedule 14

Temporary Facilities

The Contractor provided with its Tender the following list of temporary facilities (offices, workshops, stores, ablutions, etc.), estimated diesel fuel and estimated flights it requires to perform the Works.

Table 14.1 - Temporary Facilities

Item	Description	Estimated Quantity	Size / Capacity
1	<i>Tenderer to specify</i>		

END of Schedule 14

Contractor's Equipment

The following is a detailed list of construction equipment proposed by the Contractor for the performance of the Works. Once approved by the Company, the construction equipment listed below shall not be changed except with the Company's prior written approval.

(The Tenderer shall submit the information contained in the table below as well as a weekly histogram in the attached excel document, indicating mobilisation to Site and the duration on Site dates for each proposed construction equipment.)

Table 15.1 – Contractor's Equipment

Description	Qty	Rated Production Capacity	Make, Model No.	If Classified, Date of Registration	Year of Manufacture	Approx. Age (Hours) at Date of Award	Owned or Hired	Current Location	Estimated Mobilisation to Site Date	Last Inspected Date	Last Maintenance Date

END of Schedule 15

Project Organisation Structure and Key Personnel

Attached is the Contractor's Project Organisation Structure identifying Key Personnel for the performance of the Scope of Work under this Contract.

The Contractor has confirmed availability of the Key Personnel identified on the attached Project Organisation Structure.

The Contractor shall ensure that all Key Personnel listed below have appropriate coverage during R&R, including sufficient handover overlap.

The on-Site Key Personnel shall be on Site on a full-time basis.

(Tenderer to submit a Project organisation chart identifying Key Personnel for this Contract and submit CVs/Resumes for all Key Personnel listed below.)

Table 16.1 – List of Key Personnel

Name	Position	Part Time / Full Time on Site	Current Location	Availability for the Contract	Last Project Worked	CV Attached Yes / No	Length of Service within the Contractor years	Experience in Current Position years	Supervisory Experience (Nature & Length of Time)

END of Schedule 16

Schedule 17

List of Permanent Equipment and Materials

The Contractor provided with its Tender the following detailed list of the permanent equipment and materials proposed by the Contractor for the Work. The Contractor shall not list any temporary equipment, goods, and materials.

Once approved by the Company, the equipment, goods, and material listed below shall not be changed except with the Company's written approval.

(The Tenderer must provide all the relevant information in the table above for all Contractor supplied equipment and materials as stipulated in Section 3 Scope of Work).

Table 17.1 – List of Permanent Equipment and Materials

Item No.	Permanent Equipment and Materials	Brand Name	Equipment / Material Properties	Name of Supplier	Supplier's Location	Transport Distance to Site	Supply Cost (USD)

Fabrication Facility

The Contractor provided with its Tender the following detailed information regarding its proposed fabrication facility to be utilised for the Works.

(Tenderer to provide all applicable information in the table below, which will clearly indicate Tenderer's fabrication capability and capacity for the Works).

Table 18.1 – Fabrication Facility

Item	Subcontractor / Supplier Name	Country and City	Size of Facility m ²	Tonnage the facility can produce per month	List of plant, equipment, and machinery available within each facility	Place of Testing, Checking, Inspection
Shop Detailing						
Procurement and Processing						
Fabrication Facility						
Covered Area						
Laydown Area						
Offices						
Surface Treatment Facility (Blasting and Painting)						
Outdoor Facility						
Laydown Yard for Loading and Packing						

Schedule 19

Schedule of Insurance Advise

The Contractor shall submit copies of its Certificates of Currency in respect of the insurance obligations stipulated in the Contract as outlined in Schedule 12.

(The Tenderer shall provide Certificates of Currency indicating compliance with the Insurances stated in the terms and conditions of Contract and state any areas of non-compliance.)

End of Schedule 19

END OF CONTRACT