1.0 INTRODUCTION

Overview

This facility reached its mechanical completion in 2014 and has operated intermittently, depending on the needs to boost pressure of transporting gas from Company's facilities through gas pipeline system.

The facility has mostly remained in preservation mode, undergoing periodic preventive maintenance. Between 2018 and 2020, BCS was required to operate briefly to meet specific operational needs.

Due to minimal operational wear on key equipment, such as the compression and turbine systems, the Company is considering options for asset sales and repurposing to interested external parties.

The BUYER shall be responsible to provide and execute the following scope of work but not limited to the following deliverables: -

1. GENERAL SCOPE OF SALE AND ASSET

- a. BUYER shall pay the purchase price specified in the Letter of Sale and Purchase Confirmation to the COMPANY, as per the payment milestones, without any withholding, deduction, or set-off.
- b. The BUYER shall remove and collect all the ASSET on an "As-Is-Where-Is" basis. The commencement date for work at the site shall be within ninety (90) days from the acknowledgment of the Letter of Award and after the First Payment Milestone has been remitted by the BUYER to the COMPANY.
- c. The BUYER shall complete the removal and collection of the ASSET within five (5) months from the commencement date of work at the site. Any extension of the duration to complete the removal and collection thereafter shall be subject to mutual agreement between the BUYER and the COMPANY. This extension must be supported by the submission of a removal plan, progress report, and percentage of completion.
- d. BUYER shall perform the shutdown, power off, software backup, disassembly, dismantling for all the equipment inclusive the provision of manpower, machineries, tools and equipment required for the activity, and all are under BUYER's responsibilities and cost.
- e. All logistics arrangement, transportation, shipping, machineries & engagement of forwarding agents related to the removal of the ASSET are under BUYER's responsibilities and cost based on Ex-works at COMPANY's premises.
- f. BUYER shall comply with all laws (whether international, national and/or local) and COMPANY's regulations pertaining to safety, health, environmental protection, fire protection and security regulations which are applicable to the location when executing the removal activities.
- g. BUYER shall be responsible for and shall protect COMPANY from any claims, liabilities, cost, damages, and expenses with respect to injury or death or loss of property or damage of any person employed by BUYER arising during and/or as a result of the performance of this contract.
- h. BUYER shall at their own cost and expenses carry and maintain in full force throughout this contract the insurances as stated in the contract document as a minimum requirement.
- i. BUYER shall wipe-off, remove, or delete any information related to project, logos, name or any other identifying marks representing COMPANY that are present on the ASSET purchased, before the ASSET is reutilized or sold to a third party. The BUYER acknowledges that it is solely responsible for ensuring that any such information is removed, and that the COMPANY shall not be responsible for any damages or liabilities arising from the BUYER's failure to do so. The BUYER shall indemnify and hold the COMPANY harmless from any claims, damages, or liabilities arising from the BUYER's failure to remove such information.
- j. BUYER shall reinstate or make good the COMPANY's premise, clean and tidy the area, dispose all debris or waste, install cover back any other structure which has been uninstall/ removed during the collection / removal work.

The list of BCS Gas Turbine and Compressor Package (GTCP) and its associated equipment for asset sale is as per **Appendix I – List of ASSET**.

The overview photo of BCS facility can be referred in Appendix II - Photos of Compressor Station.

APPENDIX I – LIST OF ASSET

Main Gas Turbine and Compressor Package (GTCP) and Associated Equipment

No	Equipme nt Name	Specification	Quan tit y	Photo
		Main Gas Turbine and Com	pressor Pa	ackage (GTCP)
1.0	Gas Turbine F	ackage BUA-KT-2401, BUA-K	Г-2501, BU	A-KT-2201, BUA-KT-2301
1.1	Turbine	Manufacturer: Solar	4 units	
	Engine	Model: Titan 130-20502		
		Two-shaft, axial-flow design		
		Air Inlet Assembly		
		Compressor Case Assembly		
		Compressor Rotor Assembly		and the second se
		Fuel Manifold		
		Compressor Diffuser		
		Bleed Valve Assembly		
		Combustor Liner Assembly		CAR PROVIDENCE
		Torch Igniter Assembly		
		First-Stage Diaphragm Assembly		
		Gas Producer Rotor Assembly		
		Third-Stage Nozzle Assembly		
		Power Turbine Bearing Support Housing		
		Power Turbine Rotor Assembly		
		Fourth- Stage Nozzle Assembly		
		Turbine Exhaust Diffuser		
		Exhaust Collector		
		Forward Support		
		Engine Rear Mount Assembly		

IUR	BINE AND COM	PRESSOR PACKAGE (GTCP)	AND ASSC	
1.2	Fuel System	Pneumatic Actuated Valves	4 units	
		Check Valves		
		Electric Actuators		
		Electric Fuel Control Valves*		
		Fuel Flow Meter Filters/		
		Strainers		
		Fixed Orifices		
		Gas Fuel Flow Transmitter		
		Pneumatically Actuated Valves		
		Hand Valves		
		Pressure Control Valves		Note for Faulty or Removed Equipment/ Part:
		Pressure Differential Switch		1. Each 4 units EGF faulty and
		Pressure Differential Transmitters		currently taken out from GTCP. Part available for potential refurbishment.
		Pressure Safety		
		Valves Pressure		
		Transmitters Speed		
		Element Solenoid		
		Valves Engine		
		Cleaning Tank		
		Temperature		
		Elements Thermowell		
		Displacement Probes		
1.3	Unit	Power Supply	4 units	
	Control System	Module Battery		
	Power	Charger Battery		
		Banks		

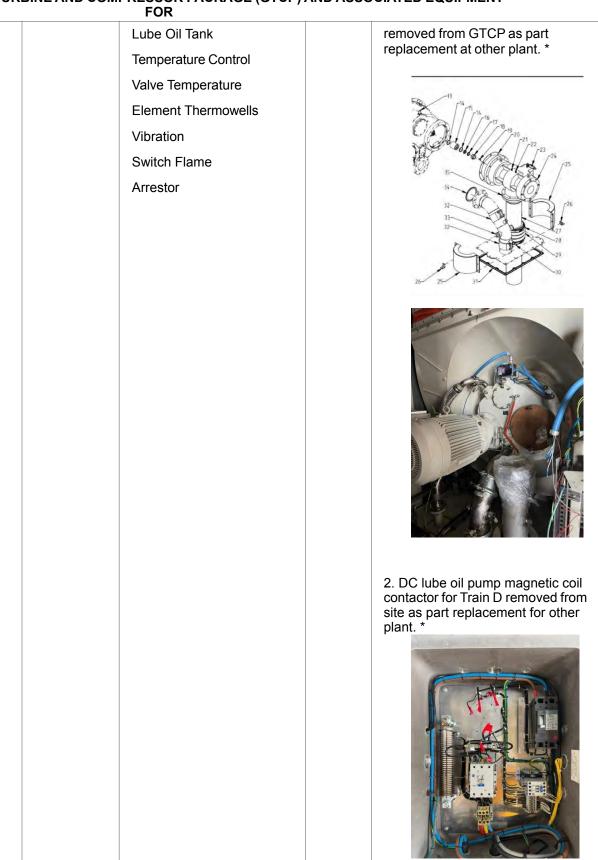
1.4	Start System	Line Reactors Motors (Hub) Variable Frequency Drives (VFD)	4 units	

1.5	Unit Control System	ControlLogix [™] Controller Assembly ControlLogix Chassis In-Chassis Power Supply ControlLogix Processor Module ControlNet Interface Module Modbus Module Ethernet Communications	4 units	
		Module <u>Flex Input/Output (I/</u> <u>O) System</u> Flex I/O Redundant ControlNet Adapter Module Flex I/O Terminal Base Flex I/O 16-Channel Discrete Input Module		
		Flex I/O 2/2-Channel Analog I/O Module Flex I/O 4-Channel Analog Output Module Flex I/O Fast-Speed Input Module Flex I/O 8-Channel Discrete		

1	TOR	
	Output Module	Karatan .
	Flex I/O 10/6- Channel Discrete I/O Module	
	Flex I/O 16-Channel Discrete Output Module	
	Flex I/O 8-Channel Thermocouple/RTD Input Module	
	<u>Turbine Control and</u> Interface	
	Turbine Control Panel	
	Digital Display	
	Terminal Display	
	Computer	
	Programming	
	Computer	
	Vibration Monitoring System	
	Power Supply	
	Rack Interface Module	
	Keyphasor Interface	
	Module 4-Channel Relay	
	Module	
	Proximitor/Seismic Monitor Module	
	TDXNET Communication Processor	

1.6 Load Sharing panel ControlLogix M ControlLogix Chassis In-Chassis Power Supply ControlLogix Processor Module ControlNet Interface Module Ethernet/IP Module Ethernet Communications Module 1 Unit Flex Input/Output (I/O) – XT System Flex I/O-XT Redundant ControlNet Adapter Module Flex I/O-XT Terminal Base Flex I/O- XT Analog 8 Input Module 1 Unit Hex I/O-XT Digital 24 VDC 8 Output – Fused Protected Module Flex I/O-XT Digital 24 VDC 8 Output – Fused Protected Module Flex I/O-XT Digital 24 VDC 10 10 Input / 6 Output Module Flex I/O-XT Analog 4 1 Unit
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1.7	Lube Oil Syste m	Main Lube Oil Filter Check Valves Filters/ Strainers Air/Oil Separator Flow Sight Glasses Fixed Orifices Transfer Hand Valve Lube Oil	4 units	
		Heater Lube Oil Cooler Hand Valves Level Indicators Level Transmitter Motors (DC Motor Contactor Unit A & D) * Pumps Pressure Control Valve		
		Pressure Differential Transmitter Pressure Switches Pressure Safety Valves Pressure Transmitters		Note for Faulty or Removed Equipment/ Part: 1. Train D Main Lube Oil Pump



1.8	Fire &	Local Operating Network	4 units	
	Gas System	Controller		
		Enhanced Digital Input/ Output (EDIO) Module		
		Flame		
		Detectors		
		Thermal		
		Detector		
		Thermal		
		Sensor		
		Gas Detector (Unit A)		
		Primary, Extended, and Subsequent Release Solenoid Valves		
		CO2 Fire Cylinder Cabinet		
		CO2 Nozzles		PU
		Release Confirm Pressure Switch		Note for Foulty or Demound
		Audile Alarms/Strobe		Note for Faulty or Removed Equipment/ Part:
		Light Strobe Light		1. Six (6) units Gas Detector removed from enclosure borrowed by other plant. The Gas Detector already returned and available at warehouse.

		TOR		
1.9	Enclosure and Air	<u>Enclosu</u>	4 units	
	Inlet	<u>re</u>		
	System	Doors		
		Door Position Alarm		
		Enclosure Ventilation Silencers		
		Ventilation Fan		
		Dust Protection Filters		
		Differential Pressure Switch		
		Backdraft Dampers		
		Fire Dampers		
		Pressurization		
		Lighting		
		System		
		Trolley Beam		
		<u>Air Inlet</u>		
		<u>System</u> Air		
		Cleaner		
		Air Inlet Filter Differential Pressure Transmitter		
		Air Inlet		
		Silencer Air		
		Inlet Ducting		
1.1	Exhau	<u>Exhaust</u>	4 units	
0	st Stack	<u>System</u>		
		Exhaust		
		Bellows		
		Exhaust		
		Silencer		
		Exhaust Drain		

2.1	Gas Compress or	Tag Number: BUA- K-2401, BUA-K-2501, BUA-K-2201, BUA- K-2301 Design Pressure: 96 barg Design Temperature: 117°C/ 0°C Design Flow Rate: 270 MMSCFD Manufacturer Dresser- Rand Model: D107RS Rated Capacity Inlet: 3,688.5 ACFM Rated Power: 9,308 kw MAOP: 106.5 barg Allowable Working Temperature: 193.3°C/- 28.89°C Minimum Operating Speed: 5060 rpm Max Continuous Speed: 8,856 rpm Trip Speed : 9,289 RPM Driver type : Gas Turbine Compressor Type : Centrifugal Compressor Stage : 7 stages	4 units	<image/>

2.2	Overhe ad Crane	Manufacture: Kone Products & Engineering (M) Sdn Bhd Equipment name: 17t x 12,980mm Span Double Girder Ex- proof Crane Design Power: Long Travel – 2x0.68 KW, Cross Travel – 0.68 KW, Hoist – 12 KW	4 units	
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2.3	Special Tools	Solar Turbine	1 set	
2.0		1. Portable lube	1 001	
		oil conditioner		
		2. Engine wash cart		
		3. Trolley beam		
		extension assembly		
		4. FT33606 Power		D-D T T
		Turbine ground stand 5. FT33496 support		The LA DRU EVAND Inst
		plate PT/Trunnion		
		6. FT33603 Power		
		Turbine lifting tools		
		7. FT33201-101 Tools,		No. of the second se
		handling		
		compressor half		J₽
		case 8. FT33377 Ground		Han 4 Tax man war yan.
		support stand kit,		
		engine		
		9. FT33219 Ground		THEN TO THE REAL PROPERTY OF T
		stand, compressor		E will
		housing half case		
		10. Enclosure Trolley		
		Beam Chain Block 11. FT33003 Handling lift		
		kit, air inlet ducting		
		12. FT33076 Installation		
		/ removal tools,		
		balance screw		
		13. FTG7108-300 Dial		
		gauge alignment kits		
		14. FTG7107-1101 15. FTG7006-100		
		16. FT33212 IGV ring		
		drawing tool		
		17. FT33411 Retaining		
		tool, Borescope holes		
		18. FT33410 N/C		
		19. FT33304 Guide		
		pins / jack screws kit		
		20. FT33604 Engine /		
		Trunnion support		
		pin puller		
		21. FT33219		
		22. FT33306		
		Borescope guide tubes kit		
		23. FT33499-1 Engine		
		lifting tool		
		24. FT33001-7 Tool		
		adapter ring		
		25. FT33515-101		
		26. FT33001-105 Lifting field		

tool <u>Dresser Rand Compressor</u> 1. Tool, Hydraulic pump kits RiverHawk 2. Bundle puller block	1 Set	
 Hydraulic pusher Collar Pusher Bearing entering sleeve T.E Bearing entering sleeve N.T.E 		

		Associated Equip	oment for G	STCP
3.0	Balance of Plant (Process)			
3.1	Station Process Filter Skid	Tag Number: BU-S-2401 & BUA-S-2402 Design Pressure: 96 barg Design Temperature: 70°C/0°C Design Flowrate: 760 MMSCFD Size: Vessel Ø1.981m x 4.089m, Blowflask Ø0.508m x 4.089m	2 units	
3.2	Train Unit Blowdown and Silencer	Tag Number: BUA-SL-2401, BUA-SL-2501, BUA-SL- 2201, BUA-SL-2301 Design Pressure: 96 barg Design Temperature: 70°C/- 29°C Design Flow: 270 MMSCFD	4 units	

		FOR		
3.3	Station Senior Orifice	Tag Number: FE-2450 Manufacturer: Daniel Model: Cat 510-3DVS Size: 36" concentric bore Bore Size: 19.1746"	1 unit	
3.4	Station Blowdown and Silencer	Tag Number: BUA-A-2401 Design Pressure: 2.5 barg Design Temperature: 70°C/- 40°C Size: Silencer ø2.1m x 5.3m, Vent Stack ø1.5m x 6.1m	1 unit	
3.5	Station Blowdown Control Valve	Tag Number: BUA- XV-2450 Manufacturer: CCI Ltd Model: 100D with Diffuser Size: 18" Class: Inlet 600# / Outlet 150# Design Pressure: 96 barg Design Temperature: 70°C/- 40°C	1 unit	
3.6	Station Drain Tank	Tag Number: BUA-V-6401 Design Pressure: 3.5 barg Design Temperature: 70°C/ 15°C Capacity 5 m ³ Size: Ø1.5m x 3m	1 unit	

3.7	Train Unit Gas Cooler	Tag Number: BUA- E-2401, BUA-E-2501, BUA-E-2201, BUA- E-2301 Design Pressure: 96 barg Design Temperature: 117°C/ 0°C Design Flow: 270 MMSCFD Manufacturer: ABB Model: M3JP200MLC4 Rating: 37 kw	4 units	Note for Faulty or Removed quipment/ Part: 1. Motor not available and will be repurposed to other plant
3.8	Train Unit Recycle/ Antisurge Control Valve	Tag Number: BUA-FCV- 2420, BUA-FCV-2520, BUA- FCV-2220, BUA- FCV-2320 Manufacturer: Fisher Model: Actuator 657, Body EWT Size: 10" Class: 900#	4 units	Note for Faulty or Removed Equipment/ Part: 1. Solenoid and Terminal Box not available and will be repurposed to other plant
4.0	Balance of Pl	ant (Fuel)		
4.1	Fuel Gas Filter	Tag Number: BUA-S-6001 & BUA-S-6002 Design Pressure: 96 barg Design Temperature: 70°C/0°C Design Flow Rate: 12.10 MMSCFD Size: Vessel Ø0.457m x 2.198m, Blowflask Ø0.168m x 2.198m	2 units	

		FUR		
4.2	Fuel Gas Meter	Tag Number: BUA- FE-6050 & BUA-FE-6052 Design Pressure: 96 barg Design Temperature: 70°C/0°C Design Capacity: 12.10 MMCSFD Manufacturer: Elster- Instromet Model: SM-RI-X4X Class: 900#	2 units	
4.3	Fuel Gas Regulat or	Tag Number: BUA-PCV- 6050, BUA-PCV-6051, BUA- PCV-6052, BUA- PCV-6053 Manufacturer: Fisher Model: EZHOSX c/ w PRX120-AP	4 units	
4.4	Train Unit Fuel Gas Conditionin g Heater	Tag Number: BUA- F-6010, BUA-F-6011, BUA-F-6012 Design Pressure: 96 barg Design Temperature: 70°C/0°C Design Flowrate: 3.82 MMSCFD Manufacturer: Chromalox Power Rating: 62.2 kw	3 units	

4.5	Train Unit Fuel Gas Conditionin g Regulator	Tag Number: BUA-PCV- 6081, BUA-PCV-6082, BUA- PCV-6091, BUA- PCV-6092, BUA- PCV-6061, BUA-PCV- 6062 Manufacturer: Masonelian Model: 87-21124 Size: 1 1/2"	6 units	
5.0	Balance of Pl	ant (Instrument Air)		
5.1	Instrument Air Compress or	Tag Number: BUA- KQ-5401 BUA-K-5401 Design Pressure: 12 barg Design Temperature: 70°C/ 15°C Design Flowrate: 400 SCFM Manufacturer: Ingersoll Rand Model: 90-160kW Sierra Oil- Free Rotary Screw Air Compressor	1 unit	Note for Faulty or Removed Equipment/ Part: 1. Air compressor air-end faulty. Spare air-end available for overhaul and service.

		FOR		
5.2	A i r Dryer Packa g e Syste m	Tag Number: BUA-AQ05401 (Air Dryer Pre-Filters BUA- S- 5401 & BUA-S-5402, Air Dryer BUA-V-5405 & BUA- V-5406, Air Dryer After Filters BUA-S-5403 & BUA- S-5404) Design Pressure: 12 barg Design Temperature: 70°C/ 15°C Design Flowrate: 509 SCFM Manufacturer: Dumnick Hunter Model: DTX-42	1 package	
5.3	Dew Point Transmitt er	Tag Number: BUA-JB-5401 Manufacturer: COSA- Xentaur Model: XDT-PM-PB	1 unit	
5.4	Air Compresso r & Air Dryer Local Control Panel	Tag Number: Manufacturer: Yokogawa Model: Stardom	1 unit	

5.5	Water Knock Out Drum	Tag Number: BUA-V-5401 Design Pressure: 12 barg Design Temperature: 70°C/ 15°C Operating Pressure: 8.9-9.9 barg Operating Temperature:	1 unit	
				7

		50°C		
		Capacity: 1.83 m ³		
5.6	Buffer A i r Receiv e r Vessel	Tag Number: BUA-V-5402 Design Temperature: 70°C/ 15°C Operating Pressure: 4.5-9 barg Operating Temperature: 50°C Capacity: 162 m ³	1 unit	
5.7	Instrument Air Receiver Vessel	Tag Number: BUA-V-5404 Design Temperature: 70°C/ 15°C Operating Pressure: 4.5-9 barg Operating Temperature: 50°C Capacity: 120 m ³	1 unit	BUAY-5404
5.8	Utility A i r Receiv e r Vessel	Tag Number: BUA-V-5403 Design Temperature: 70°C/ 15°C Operating Pressure: 4.5-9.7 barg Operating Temperature: 50°C Capacity: 1.2 m ³	1 unit	
6.0	All Piping in Compress or Station	Process gas piping Fuel gas piping Instrument air piping	Lu mp Su m	

Appendix II - Photos of Compressor Station

No	Description	Photo
1	Overall Compressor Station	
2	Station Inlet Area (Suction Valve, Filter Inlet Valve, Filter Outlet Valve, Process Filter, Fuel Gas Filter, Fuel Gas Skid, Piping)	

3	Station Outlet Area (Discharge Valve, Orifice, Pressure Safety Valve, Piping)	
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4	GTCP Train Unit Area (Inlet Valve, Outlet Valve, Recycle Valve, Vent Stack, Exhaust Stack, Gas Cooler, Piping)	
5	Station Blowdown	
6	Train Unit Fuel Gas Conditioning Skid (Heater, Pressure Regulator, Coriolis Meter) and Lube Oil Cooler	

7	Instrument Air Area (Air Compressor Package, Buffer Air Receiver, Instrument Air Receiver, Utility Air Receiver, Water Knock Out Drum Vessels)	

Please fill in your company particulars as below:Company Name:License No.:Expiry Date:Address:Contact No:Contact person:

I hereby certify the information is true to the best of my knowledge.

Information provided by	: (Signature)
Name	:
Designation	:
Contact No	:
Date	:
Company Stamp	:
Address	: