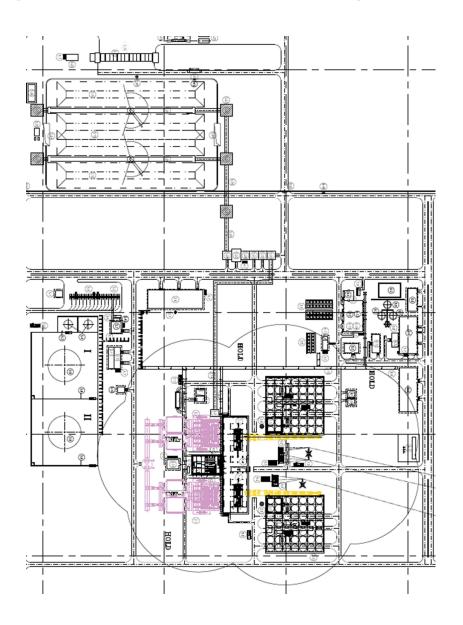


Agate Global Solutions FZCO: Request for Proposal Preparation



Client : Agate Global Solutions FZCO

Project : 1x325 MW TABAS COAL FIRED CFB

BOILER, TABAS, IRAN

Scope : RFP for Boiler package

General Technical specification

Detailed Technical specification – Mechanical

Detailed Technical specification – Electrical system

Detailed Technical specification – Control &

Instrumentation

Detailed Technical specification - Civil, structural and

architectural works

Technical schedules

Tender drawings and documents

Process flow diagrams



Agate Global Solutions FZCO: Request for Proposal Preparation

Agate Global Solutions FZCO DSO-IFZA, Dubai Digital Park Dubai Silicon Oasis Dubai, United Arab Emirates

Trade License No. 9708 TRN: 100513354900003



PURCHASE ORDER

AGS PO Ref: 22021 / 30-Sep-22

To:

Aspire Engineering Services Pvt Ltd., No. 34, Sri Mari Avenue, Palur, Lalgudi Taluk, Trichy, Tamil Nadu, India - 621 216

Mr. S Lakshmanan, Managing Director Kind Attn.

Engineering Consultancy Services for On-goir Subject

We refer to our earlier conversations over phone, correspondence, though emails on various dates and also the meetings during our visits. We are please to relieve work order for the consultancy services for preparation of specification for Coal fired Boiler as per your various offers including Ref: ENQ-ENGG-0122-001C dtd 17-Jan-2022 ast and Africa

As discussed during the meetings it was a wook based on the man hour thereof and are pleased to confirm our order for the co tal by work on the basis of the following agreement:

Based on the man hour rate of imation and man hour rates, the work shall be executed as per the following Terms and con the contract as stipulated here in following sections.

1. PREAMBLE

Consulta v rder shall mean this document and any other document listed herein and shall constitute the entire agreement between the parties

PURCHASER may also refer to as Agate Global Solutions FZCO. (AGATE) SUPPLIER may also be referred to as Aspire Engineering Services Pvt Ltd., (AESPL)

SUPPLY shall mean the materials, products or services including consultancy / engineering services to be purchased or supplied as specified in the agreement and / or any part thereof. All documents provided and communication under this WORK ORDER shall be in the English language.

MREC

1 x 325 MW Coal thod CFB Boller Request for Proposal for Boller Package

PART - I

SECTION 2.0

DETAILED TECHNICAL SPECIFICAITON - MECHANICAL

TABLE OF CONTENTS

Section - 2.1

- 2.1.1 INTENT OF SPECIFICATION
- 2.1.2 SCOPE OF WORK, SUPPLY & SERVICES
- 2.1.3 DOCUMENTS AND DRAWINGS

General design criteria & Basic Technical / Functional Section - 2.2 requirements

- 2.2.1 CODES AND STANDARDS
- 2.2.2 STEAM GENERATOR AND AUXILIARIES
- MAIN BOILER PRIMARY FUEL PREPARATION, STORAGE AND FEEDING SYSTEM (SOLID FUEL-COAL)
- MAIN BOILER SECONDARY FUEL PREPARATION, STORAGE AND 2.2.4 FEEDING SYSTEM - HEAVY FUEL OIL FIRING SYSTEM
- 2.2.5 MAIN BOILER STARTUP GAS OIL FIRING SYSTEM
- AUX BOILER PRIMARY / SECONDARY FUEL PREPARATION. 2.2.6 STORAGE AND FEEDING SYSTEM - HEAVY FUEL OIL/GAS OIL FIRING SYSTEM
- EDG PRIMARY FUEL PREPARATION, STORAGE AND FEEDING SYSTEM - GAS OIL FIRING SYSTEM
- 2.2.8 LIMESTONE PREPARATION, FEEDING SYSTEM
- 2.2.9 BED MATERIAL PREPARATION, STORAGE AND FEEDING SYSTEM
- 2.2.10 BOILER BED ASH COLLECTING AND REMOVAL SYSTEM
- 2.2.11 BOILER FLY ASH COLLECTING AND REMOVAL SYSTEM
- 2.2.12 EMISSION CONTROL SYSTEM (DUST, SOx & NOx)
- 2.213 STACK (CHIMNEY)
- PIPING, HANGER & SUPPORTS, VALVES, FITTINGS & SPECIALITIES
- 2.2.15 THERMAL INSULATION BOILER
- 2.216 CRANES & HOISTS-BOILER

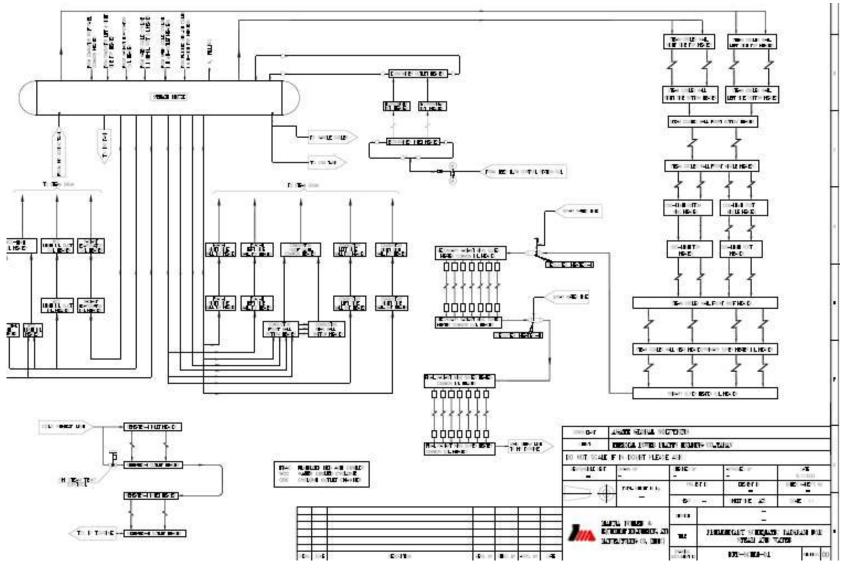
TAXA SCEED MILEC AGS REP. 1401-000 REV.S.

AGATE GLOBAL SOLUTIONS

Page : 3 of 179



Agate Global Solutions FZCO: Request for Proposal Preparation



Preparation of Process Flow Diagram



Agate Global Solutions FZCO: Request for Proposal Preparation

Task

