**1. General.**

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| During Turnaround, the Contractor shall perform mechanical works on installations and piping of Shop No 13 (C-13) and Flare Section (FŪ) under the Job List of package M1-C-13\_FU and its attachments, i.e. installation/removal of blinds in accordance with diagrams, dismantling of vessels and piping for cleaning and inspection, preparation for inspection, handover for inspection, repair, closing, commissioning of works to OL. Contractor shall plan its resources so that it can perform additional post-inspection repair works if needed. The scope of additional repairs may vary from 5 to 20% of the scope of main works. Additional works shall be paid under a separate agreement, at hourly rates. |

**2. Attachments.**

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| Attachment 1 - Qualification Criteria M1-C-13\_FU  Attachment 2 - Technical Criteria M1-C-13\_FU  M1-C-13\_FU \_Job List  M1-C-13\_FU \_Attachments.zip |

**3. Description and specifics of work.**

**3.1. General requirements.**

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| - All the repairs under the package M1-C-13\_FU Job List and attachments thereto have to be done during the Turnaround:  Works at Waste Water Treatment Shop (C-13):   * Receiving chamber PK-501 cleaning/washing, repair; * Sand catcher 861-02/1 cleaning/washing, repair; * Sand catcher 861-02/2 cleaning/washing, repair; * Oil catcher 861-04/1A,1B cleaning/washing, repair; * Oil catcher 861-04/2A,2B cleaning/washing, repair; * Replacement of vents 96,97,98,99 on line v.401/3 near sand catchers 861-02/1, 2.   Works at Flare Section (FŪ):   * Water cooler AV-1 inspection, internal inspection and hydrotest (TUV); * Separator SP-401 inspection, internal inspection (TUV); * Filter F-6 inspection, internal inspection (OL) * Water seal valve HU-7 inspection, internal inspection (OL) * T-5 inspection, internal inspection (TUV); * T-23 inspection, internal inspection (TUV) * Flare D-3 inspection, internal inspection (OL) * Flare D-5 inspection, internal inspection (OL) * Filter IK-401AB cleaning/washing (installed on line 394/1-21) * Line G-5 repair (clamp dismantling) * Line V-365/2-2 repair according to Report No 20241030/10 * Line V-394a repair according to Report No 20230727/4 * Inspection, repair of Flare Section valves as per list. * Inspection, repair of Flare Section PSVs as per list. * Flow meter FT-5 inspection, calibration * Line V-394/2-3 repair according to Report No 20240919/6 |

**3.2. Work description.**

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| - All works shall be performed according to the Job List provided. Detailed scopes of work for each vessel, pipeline and other equipment are provided in the attachments to the Job List: vessel, pipeline blinding diagrams, their repair diagrams, inspection plans, and other. |

**3.3. Special requirements (if any).**

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| - The requirements to the Contractor are provided in the qualification and technical criteria.  - The Contractor shall perform material coordination. Contractor’s Material Coordinator shall collect materials from the Owner’s warehouse no later than two months prior to the start of repairs provided that the materials are available in the warehouse. The Owner will transport materials inside the Company’s territory. Materials shall be coordinated in accordance with OL Rules for Coordination of Materials.  - Certain preparatory works and mobilization are required for the Turnaround. In its proposal, Contractor shall take into account and undertake to perform the works according to the schedule provided by the Owner and develop a schedule for its own works with the indication of labor resources, number of crews as requested under technical criteria, as well as understand and take into consideration that other works related to the repaired equipment will be performed at the same time.  As for post-inspection repairs, the Contractor shall be responsible for immediate preparation of repair documentation as per OL Procedures BM-4 and BM-2. The Contractor shall be responsible for organization of required NDT prior to hydrotesting / handing over to inspector. Final documentation shall be provided within one month after the completion of works. The requirements for repair documentation are set forth in Procedures BM-4 and BM-2.  - OL requirement – at least 1 work manager for 15 workers under direct supervision.  - Mobilization costs shall be included into the price of works.  - Office and tools trailers (including mobilization / demobilization thereof) shall be included into the price of works. OL will provide a site for containers and a source of electric power. Toilets will be provided by OL both within the area of amenity trailers and at process facilities.  - The Contractor shall have its own certified electrical engineer authorized to perform electrical connections for the Contractor's equipment. |

**3.4. Requirements for work execution and documentation.**

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| - Method statement shall be developed for all repair works that involve welding according to OL requirements and agreed with responsible OL specialists.  - The Contractor shall develop repair documentation for all the completed repair works according to OL requirements. Once agreed and approved, the documentation shall be submitted to OL.  - Information plates shall be attached to all disassembled and assembled flanged connections with the indicated name of the Contractor that has performed the works, gasket type, ID No of the metalworker (from the list of metalworkers) having assembled the flange, and the date. |

**3.5. Qualification requirements for Contractor.**

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| * Qualification requirements for Contractor. Attachment 1.   **3.6. Technical requirements for the Contractor.**   * For technical requirements for the Contractor see Attachment 2 |
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**4. Materials, equipment, and services to be provided by the Owner.**

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| - All materials required for the works (valves, gaskets, blinds, nuts, lubricants, rust removers, elements required for repairs of pipelines and vessels) – **OL**;  - Cranes and forklifts - **by another OL contractor;**  - Scaffolding and insulation – **another OL contractor;**  - NDT – **another OL contractor;**  - Pipeline cleaning – **by another OL contractor**;  - Pressure vessel flushing/cleaning works – **by another OL contractor**;  Power supply connection points, water connection points for HT execution, compressed air/nitrogen connection points for purging – **by OL**. |

**5. Materials, equipment, and services to be provided by the Contractor.**

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| * All equipment required for repair works – **by the Contractor;** * **Contractor** shall have all welding consumables required for the works under SoWs. This includes: electrodes, gas, wool for heat treatment, tools, personal protective equipment, slings, hydraulic equipment, pressure gauges, heat treatment equipment. * Painting and anti-corrosive coating – **by the** **Contractor**. * - Where needed, **Contractor** shall supply materials for fabrication and installation of steel structures and access platforms, as well as fabricate and install them; |

**6. Requirements for work completion.**

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| - All works must be completed in accordance with the submitted and approved schedule. |
| - Repair documentation shall be developed for all repair works and submitted to OL.  - Before closing any vessel, a closing permit shall be obtained from OL specialists.  - All consumed materials shall be written off after repairs according to each work ID.  - All remaining unused materials shall be returned to OL Central Warehouse.  - Any waste generated during the repairs must be sorted, packed, labeled and handled according to OL requirements (approved Waste Management Plan).  - Upon works completed, the work area and territory shall be cleaned up and handed over to OL representative. |

**7. Requirements for work acceptance.**

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| - After completion of works, the Contractor shall appoint employees for elimination of defects and leaks that may occur during equipment startup: 3 fitters and 1 manager for 2 days. |

**8. Requirements for work schedule.**

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| - All the works shall be performed according to the Work Schedule provided by OL.  - Works shall be performed in two 11-hour shifts seven days a week (2x7x11). |