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| Action: | The Upgrade of the Iron Gate I Navigational Lock |
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**CORRIGENDUM NO 3 TO TD**

**The following alterations are made to the Tender Dossier**

**(alterations in bold italics)**

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| **Volume 3-Part 2-GENERAL EMPLOYERS REQUIREMENTS**  **13.2.4, third paragraph, pg 18** |

**The former text**

“The Contractor should take into account that documentation for execution must be finally verified by Engineer at least two months before commencement of work”

**The new text**

**“*The Contractor shall take into account that documentation for execution must be submitted at least 45 days prior to the commencement of execution of the works”***

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 4, 12.1.6.3.2, pg 170** |

**The former text**

**12.1.6.3.2 Mandatory Spare Parts**

Contractor shall deliver the following mandatory spare parts:

-Gasket + o’ring+ seal: 1 set per type

-Limit switches: 1 set

-Clamps and bolts: 2 sets per type

-Visual alarms (lamp): 1 set per type

-Discs for brakes: 1 set per type

**The new text**

**12.1.6.3.2 Mandatory Spare Parts**

Contractor shall deliver the following mandatory spare parts:

***-Gasket + o’ring+ seal: 1 set per type***

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 4, 14.6.8.2, pg 252/3** |

**The former text**

**14.6.8.2 Supply of Mandatory Spare Parts**

The supply shall include at least the following specified spare parts for the lighting system:

* 5 % of the total quantity, but not less than 1 (one) piece of each type of the following equipment:

- Lighting fixtures;

- Miniature circuit breakers;

- Switches;

- Contactors;

- Control switches and pushbuttons;

- Relays (protective and auxiliary);

- Signalling lamp with holders.

* 20 % of total installed lamps of each applied type.

**The new text**

**14.6.8.2 Supply of Mandatory Spare Parts**

The supply shall include at least the following specified spare parts for the lighting system:

* 5 % of the total quantity, but not less than 1 (one) piece of each type of the following equipment:

- Lighting fixtures;

- Miniature circuit breakers;

- Switches;

- Contactors;

- Control switches and pushbuttons;

- Relays (protective and auxiliary);

- Signalling lamp with holders.

* ***5 % of total installed lamps of each applied type.***

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 2, 5.4.6.3, pg 231** |

**The former text**

Mandatory spare parts shall be included in the Contract Price.

All spares furnished shall be interchangeable with the corresponding original parts.

All spares shall be suitably treated for long storage under the climatic conditions prevailing at site. Each

spare shall be clearly marked and labelled on the outside of its package with description and purpose,

and when more than one spare is packed in a single case or container, a general description of the

contents shall be shown on the outside of such case or container and a detailed list enclosed inside.

For the proposed additional spare parts the Contractor shall indicate the estimated quantity necessary for a five years after Taking Over operation period.

**The new text**

All spares furnished shall be interchangeable with the corresponding original parts.

All spares shall be suitably treated for long storage under the climatic conditions prevailing at site. Each

spare shall be clearly marked and labelled on the outside of its package with description and purpose,

and when more than one spare is packed in a single case or container, a general description of the

contents shall be shown on the outside of such case or container and a detailed list enclosed inside.

For the proposed additional spare parts the Contractor shall indicate the estimated quantity necessary for a five years after Taking Over operation period.

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 2, 5.7.6.5.1, pg 272** |

**The former text**

**5.7.6.5.1. The spare parts shall include the items listed in the Volume 4 for the specified spare parts.**

All spares furnished shall be interchangeable with the corresponding original parts.

All spares shall be suitably treated for long storage under the climatic conditions prevailing at site. Each spare shall be clearly marked and labelled on the outside of its package with description and purpose,

and when more than one spare is packed in a single case or container, a general description of the contents shall be shown on the outside of such case or container and a detailed list enclosed inside.

For the proposed additional spare parts the Contractor shall indicate the estimated quantity necessary for a ten (10) years operation period.

**The new text**

**5.7.6.5.1. The spare parts shall include the items listed in the Volume 4 for the specified spare parts.**

All spares furnished shall be interchangeable with the corresponding original parts.

All spares shall be suitably treated for long storage under the climatic conditions prevailing at site. Each

spare shall be clearly marked and labelled on the outside of its package with description and purpose,

and when more than one spare is packed in a single case or container, a general description of the

contents shall be shown on the outside of such case or container and a detailed list enclosed inside.

***For the proposed additional spare parts the Contractor shall indicate the estimated quantity necessary for a five (5) years operation period.***

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 2. 5.7.6.5.2, pg 272** |

**The former text**

**5.7.6.5.2. Supply of Mandatory Spare Parts for Radar system Equipment**

At least the following equipment shall be supplied as mandatory spare parts for new Radar system equipment:

- 20% but not less than 1 (one) piece of each type of device, in classical version or electronic module;

- 20% but not less than 1 (one) piece of each type.

**The new text**

**5.7.6.5.2. Supply of Mandatory Spare Parts for Radar system Equipment**

*The text is deleted in total, with no insertions to follow.*

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 2, 5.9.6.5.2, pg 302** |

**The former text**

**5.9.6.5.2. Supply of Mandatory Spare Parts for the Equipment for Measuring of meteorological**

**parameters**

At least the following equipment shall be supplied as mandatory spare parts for new equipment for

Measuring of meteorological parameters:

- 20% but not less than 1 (one) piece of each type of device, in classical version or electronic module;

- 20% but not less than 1 (one) piece of each type.

**The new text**

**5.9.6.5.2. Supply of Mandatory Spare Parts for the Equipment for Measuring of meteorological**

**parameters**

*The text is deleted in total, with no insertions to follow.*

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 2, 5.10.6.4.2, pg 315** |

**The former text**

**5.10.6.4.2. Supply of Mandatory Spare Parts for Radioactivity Measuring System Equipment**

At least the following equipment shall be supplied as mandatory spare parts for new Radioactivity Measuring System Equipment:

- 20% but not less than 1 (one) piece of each type of device, in classical version or electronic module;

- 20% but not less than 1 (one) piece of each type.

**The new text**

**5.10.6.4.2. Supply of Mandatory Spare Parts for Radioactivity Measuring System Equipment**

*The text is deleted in total, with no insertions to follow.*

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 2, 5.11.6.4.2, pg 328** |

**The former text**

**5.11.6.4.2. Supply of Mandatory Spare Parts**

At least the following equipment shall be supplied as mandatory spare parts for new equipment for

Voice recording system:

- 20% but not less than 1 (one) piece of each type of device, in classical version or electronic module;

- 20% but not less than 1 (one) piece of each type.

**The new text**

**5.11.6.4.2. Supply of Mandatory Spare Parts**

*The text is deleted in total, with no insertions to follow.*

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 2, 5.12.6.4.2, pg 341** |

**The former text**

**5.12.6.4.2. Supply of Mandatory Spare Parts for the Equipment for Radio communication**

At least the following equipment shall be supplied as mandatory spare parts for new equipment for

Radio communication:

- 20% but not less than 1 (one) piece of each type of device, in classical version or electronic module;

- 20% but not less than 1 (one) piece of each type.

**The new text**

**5.12.6.4.2. Supply of Mandatory Spare Parts for the Equipment for Radio communication**

*The text is deleted in total, with no insertions to follow.*

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| **Volume 3-Part 3-PARTICULAR EMPLOYERS REQUIREMENTS**  **Section 4, 10.2.2.3.4.1, pg 98/9** |

**The former text**

***10.2.2.3.4.1 Mandatory spare parts***

Mandatory spare parts shall be delivered together with equipment of the stable fire fighting system and shall correspond to the supplied equipment. The Contractor shall include in its scope of delivery the

following mandatory spare parts:

• Two (2) power supply units of each applied type;

• Two (2) diode modules of each applied type;

• One (1) miniature circuit breaker of each applied type;

• One (1) fuse of each applied type;

• One (1) residual current device of each applied type;

• Two (2) signal lamps of each applied type;

• One (1) safety relay of each applied type;

• Two (2) emergency mushroom pushbuttons of each applied type;

• Two (2) pushbuttons of each applied type;

• Two (2) switches of each applied type;

• Two (2) selector swtiches of each applied type;

• One (1) indicating instrument;

• Ten (10) auxiliary relays of each applied type;

• One (1) contactor of each applied type;

• One (1) motor protection circuit breaker of each applied type;

• One (1) thermal overload relay of each applied type;

• One (1) thermistor relay of each applied type;

• One (1) current transformer of each applied type;

• One (1) current transducer (A/mA) of each applied type;

• One (1) voltage monitoring relay of each applied type;

• Two (2) current monitoring relays of each applied type;

• 20% of total installed terminal strips of each applied type;

• 10% of total installed connectors of each applied type;

• 10% of total installed PLC modules of each applied type, but not less than one per type;

• One (1) fire control panel of each applied type;

• Three(3) manual call points of each applied type;

• One (1) alarm siren of each applied type;

• One (1) alarm flashlight of each applied type;

• 10% of total installed modules of Ethernet switches of each applied type, but not less than one per type;

• 10% of total installed media converters of each applied type, but not less than one per type;

• One (1) HMI panel;

• Two (2) patch cables of each applied type;

Mandatory spare parts shall be included in the Contract Price.

In case of termination of production of the mandatory spare parts, the Contractor shall:

• Inform the Employer in advance of the forthcoming cessation of production so that the Employer has sufficient time to provide the necessary spare parts;

• Deliver with no fees, and at the request of the Employer, detailed plans, designs, drawings and specifications of spare parts.

**The new text**

**10.2.2.3.4.1 Mandatory spare parts**

*The text is deleted in total, with no insertions to follow.*