

**ADDENDUM & CORRIGENDUM NOTICE -IV**  
(CORRECTIONS / ADDITIONS / DELETIONS, ETC.)  
**[Total Number of Pages:1 to 5]**  
**FOR:**

**NAME OF WORK: “DESIGN, FABRICATE, ERECT & PLACING IN POSITION NEW STEEL WALKWAYS INCLUDING DISMANTLING OF ALL EXSITING STEEL WALKWAYS AND OTHER ANCILLARY WORKS AT HOJ – II [17(O)], HDC, HALDIA ON EPC MODE”**

**Tender No. I&CF/SDM/DOCK/T/1158**

**NOTE:**

1. This “Addendum & Corrigendum Notice-IV” should be read in conjunction with this office above Tender Document & all other Addendum & Corrigendum.
2. One set of this “Addendum & Corrigendum Notice-IV”, shall have to be submitted along with the Offer in with each page of it, duly signed and stamped, as token of acceptance.
3. All other terms and conditions of this office above Tender Document & all other Addendum & Corrigendum will remain unchanged.

Sl. No.	TENDER DOCUMENT/ PAGE	REFERENCE	EXISTING DETAILS	TO BE READ / REPLACED AS																		
1	Page-45 of Tender Document &  Page-2 Addendum & Corrigendum Notice- dated 05.07.2022	Clause 7.8.4 Quality Control, Materials and Storage of Tender Document &  SI No. 3 of Addendum & Corrigendum Notice- dated 05.07.2022	<p><u>PAINTS</u></p> <p>MCU [Moisture Cure Urethane] Paint manufactured by MCU COATINGS INTERNATIONAL, has to be applied to all the steel structures as per specification given below i.e.</p> <p><b>Paints Specification:</b></p> <table><tr><th>Sl. No.</th><th>Details of Coats</th><th>DFT</th></tr><tr><td>1</td><td>Primer Coat: MCU MIOZINC with 5-10% of MCU THINNER25, 3 coat @ 75 micron each coat</td><td>225 micron</td></tr><tr><td>2a</td><td>Intermediate 1<sup>st</sup> coat: MCU FERROGUARD with 5-10% of MCU THINNER25 ,1 coat</td><td>75 micron</td></tr><tr><td>2b</td><td>Intermediate 2<sup>nd</sup> coat: MCU FERROGUARD with 5% of MCU Quickcure,1 coat</td><td>75 micron</td></tr><tr><td>3</td><td>Finish coat: MCU MIOTOPCOAT with 5-10% of MCU THINNER25, 2 coats @ 75 micron each coat</td><td>150 micron</td></tr><tr><td colspan="2">Total =</td><td>525 Micron</td></tr></table>	Sl. No.	Details of Coats	DFT	1	Primer Coat: MCU MIOZINC with 5-10% of MCU THINNER25, 3 coat @ 75 micron each coat	225 micron	2a	Intermediate 1 <sup>st</sup> coat: MCU FERROGUARD with 5-10% of MCU THINNER25 ,1 coat	75 micron	2b	Intermediate 2 <sup>nd</sup> coat: MCU FERROGUARD with 5% of MCU Quickcure,1 coat	75 micron	3	Finish coat: MCU MIOTOPCOAT with 5-10% of MCU THINNER25, 2 coats @ 75 micron each coat	150 micron	Total =		525 Micron	<p>MCU [Moisture Cure Urethane] Paint manufactured by MCU COATINGS INTERNATIONAL, has to be applied to all the steel structures as per specification given below i.e.</p> <p>The Paint Specification &amp; Methodology is enclosed as <b>Annexure-II</b>.</p>
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Sd/-  
General Manager (Engineering)  
Haldia Dock Complex

## **Annexure-I**

**SUB.: NAME OF WORK: “DESIGN, FABRICATE, ERECT & PLACING IN POSITION NEW STEEL WALKWAYS INCLUDING DISMANTLING OF ALL EXSITING STEEL WALKWAYS AND OTHER ANCILLARY WORKS AT HOJ – II [17(O)], HDC, HALDIA ON EPC MODE”.**

**Tender No. I&CF/SDM/DOCK/T/1158**

**Reg.: Reply to the queries of the Bidders**

<b>Sl No.</b>	<b>Clause, pg no.</b>	<b>Tender specification</b>	<b>Bidders Query</b>	<b>HDC Reply</b>
<u><b>Reply to the Queries of RKEC Projects Ltd.</b></u>				
1	Pg no.3	Earnest Money	We request you to accept the Earnest Money Deposit through Bank Guarantee and also request you to provide the format for Bank Guarantee towards EMD.	Please refer Sl. no. 16 of Annexure-I of Addendum & Corrigendum Notice- dated 05.07.2022.
2	clause 7.4.1, pg no. 32 & clause-7.2 (d), pg no. 229	Technical Specification & General Condition of Contract	<p>The Dimensions of the required platforms are mentioned in the Tender document under clause 7.4.1, Pg. no. 32, initially considered for design.</p> <p>But as per clause-7.2 (d), Pg. no. 229 it is mentioned that the Engineer may "(d) Change the levels, lines, position and dimensions of any part of the work", Here, we presume that if the dimensions mentioned in the clause 7.4.1, Pg. no.32 are changed the variation shall be paid accordingly</p>	<p>Please refer clause 6.1 of special condition of contract.</p> <p>Since this is an EPC tender, the dimension of the structural members shall be designed by the Contractor based on the load calculations given in the tender document. [Cl. 7.5 Page 39]</p>
3	Clause No. 6.2, pg no.16	Special Conditions of Contract	Referring to Clause No. 6.2, Pg. no.16 of Special Conditions of Contract, The Scope of work, it is mentioned that "Extra piles shall be casted if required" We understand that this statement is for the requirement of piles (if any) for the walkways only and not for the other platforms. Request you to clarify.	Extra Piles shall be casted if required for walkways only and accordingly the contractor shall design the walkways.

Sl No.	Clause, pg no.	Tender specification	Bidders Query	HDC Reply
4	Sl. No. 4, Addendum & Corrigendum dated 05/07/2022	Time of completion	As per Sl. No. 4, Addendum dt. 05/07/2022, Please amend time of completion as 12 months.	Tender Conditions Prevail.
5	-	General	If the QRMH's or Bollards or any other items get damaged during removal or refixing, the contractor shall not be held responsible as we do not know their actual status on the date of handing over the site to the contractor.	The existing QRMH/Bollards are in use and in good condition. However, the contractor should take proper care while taking out and re-fixing of existing QRMH/Bollards during replacement work of the platforms.
6	-	Extension of Bid submission date	We also request you to extend the bid submission date by 15 days	Please Refer to Corrigendum dated 18.07.2022 & Corrigendum dated 01.08.2022
<b><u>Reply to the Queries of Gangadin Shaw &amp; Associates</u></b>				
7		Steel Pipe	With reference to the above, we would like to submit that the steel pipes are not available as per the specification mentioned in the subject tender. The steel pipes which are close to the tender specification and are supplied by the manufacture on placement of order are mentioned in Annexure-A enclosed here with.	<p>The proposed drawings given in the tender document is tentative and for illustrations only. However, the width of the walkway shall be minimum of 2 meter C/C and the height of the walkway (Walkways – I,II,VII,VIII&amp;IX) shall be minimum of 3.00 meter as shown in the drawings.</p> <p>Since this is an EPC tender, The dimension of the structural members shall be finalized based on the final design submitted by the Contractor.</p> <p>Since, this is a corrosion prone offshore structure, the thickness of the main members has been considered as minimum of 10 mm.</p>

Sl No.	Clause, pg no.	Tender specification	Bidders Query	HDC Reply
8	-	Galvanizing/Painting	There is no separate mention of painting on GI gratings & GI handrails. Hence, it can be considered that painting of GI gratings & handrails are not required.	The contractor shall supply & install Hot Dip GI Handrails & gratings of 100-micron.
9	-	Time of completion	<p>It may also be mentioned that it is very unlikely to complete the project in all respect in 8 months' time as detailed in Annexure-A. It will require a minimum of 12 months' time to complete the project in all respect.</p> <p>1) As the steel pipes to be used in this project are not readily available in the market and are only manufactured on order basis, steel can only be supplied after 60 days from placing the purchase order.</p> <p>2) As the approved paint is only manufactured outside India, procuring it will take at least 90 days from placing the purchase order.</p> <p>3) Fabrication shall take at least 6 months after procurement steel materials.</p> <p>4) Dismantling &amp; erection shall take at least 45 days.</p>	<p>Completion of the Project is 8 months.</p> <p>Tender Condition Prevails.</p>
10	-	Extension of Bid submission date	We also request you to extend the bid submission date by 7 days	Please Refer to Corrigendum dated 18.07.2022 & Corrigendum dated 01.08.2022

**Sd/-**  
**General Manager (Engineering)**  
**Haldia Dock Complex**

## **Annexure-II**

**SUB.: NAME OF WORK: “DESIGN, FABRICATE, ERECT & PLACING IN POSITION NEW STEEL WALKWAYS INCLUDING DISMANTLING OF ALL EXSITING STEEL WALKWAYS AND OTHER ANCILLARY WORKS AT HOJ – II [17(O)], HDC, HALDIA ON EPC MODE”.**

**Tender No. I&CF/SDM/DOCK/T/1158**  
**(Paint Specification & Methodology)**

### **Step – 1: Surface Preparation:**

Power tool cleaning by using pneumatic/electric chipping and scraping tools, rotary wire brushes, buffing wheels etc. or blasting shall be employed to remove all loose/non-adherent as well as contaminant/ or hard rust, scales and old paint, which are not otherwise possible to be removed by manual process. In case for any application, initial cleaning is done by hand tool followed by power tool. Cleaning shall confirm to SA 2-2.5. quality grade (power tool cleaning as per SpecSSPC-SP-03)

### **Step – 2: Application of Stripe Coat:**

Stripe coat shall be applied to all the welded/bolt and nut joints of the walkway structure. Stripe coat shall be applied by mixing MCU MIOZINC with 25% of MCU THINNER25 using suitable brush/roller evenly over the welded/bolt and nut joints of the walkway structure.

### **Step – 3: Application of Primer Coat:**

(On Hand Tool Cleaned SA 2.5) Primer coat of single component Moisture Cured Polyurethane MCU MIOZINC shall be mixed MCU THINNER 25 up to 10%. The materials shall be mixed using slow speed heavy duty mixing machine and to be applied at 160 microns DFT by using suitable brush or roller over the fabricated walkway structure. The required microns shall be achieved by applying 2 coats of primer, the second coat shall be applied over the touch dry surface of first coat, recoat intervals as specified in the data sheet shall be adopted.

### **Step – 4: Application of Intermediate Coat:**

The single component Moisture cure Polyurethane MCU MIOMASTIC shall be mixed with MCU THINNER25 up to 10%. The materials shall be mixed using slow speed heavy duty mixing machine and to be applied at 100 microns DFT by using suitable brush or roller over the primer coat. If required DFT not achieved in single coat, second coat shall be applied over the touch dry surface of first coat, recoat intervals as specified in the data sheet shall be adopted to achieve the required DFT

### **Step – 5: Application of Top/Finish Coat:**

The single component Moisture cure urethane coating MCU MIOTOPCOAT shall be mixed with MCU THINNER25 up to 10% using slow speed heavy duty electrically operated mixing machine and to be applied at 75 microns DFT by using suitable brush or roller over the intermediate coat applied area.

**Total DFT of MCU Coating system is 335 microns (160 microns primer coat + 100 microns intermediate coat + 75 microns top coat).**

**Sd/-**  
**General Manager (Engineering)**  
**Haldia Dock Complex**