

**CORRIGENDUM NO. - III**

**Sub:** Manufacturing, Supply, Erection, Installation, Testing, and Commissioning of 01 no 150/20T Level Luffing (LL) Jib Crane at Alcock Yard, MDL.

**Ref:** Tender no. 1900000228 dated 22.07.2025.

1. The following points shall be considered by the bidder(s) before submission of final offer for the subject tender.

Sr. No.	Tender Clause No.	Clause Description / Contractual requirement	Clarification/To be read as																																																																																																									
1.	15.1 (e) of SOW	Supply of spares listed in Scope of work considered necessary to support the 150/20 Ton ELL crane for the next 6 years of operation after 36 months of guarantee/warranty.	Supply of spares listed in Scope of work. OEM to ensure availability of spares for next 15/20 years.																																																																																																									
2.	28 of SOW	Main Hoist No Load: 0- 15 mtr/min With Full Load: 0 - 7.5 mtr/min	Main Hoist No Load: 0- 10 mtr/min With Full Load: 0 - 5 mtr/min																																																																																																									
3.	28(g) of SOW	Manual Slew lock for slewing motion and Long Travel (LT)	Manual storm lock for slewing motion and Long Travel (LT)																																																																																																									
4.	32.1 of SOW	<table><tr><th colspan="3">Classifications as per FEM standard:</th></tr><tr><th>S/N</th><th>Particulars</th><th></th></tr><tr><td>a)</td><td>Structure and complete crane</td><td></td></tr><tr><td></td><td>Structure and complete crane</td><td></td></tr><tr><td></td><td>Classification of Utilization</td><td>U5</td></tr><tr><td></td><td>Group Classification</td><td>A5</td></tr><tr><td></td><td>State of Loading</td><td>Q2</td></tr><tr><td></td><td>Duty Factor</td><td>0.95</td></tr><tr><td></td><td>Impact Factor</td><td>1.15</td></tr><tr><td>b)</td><td>Main Machinery</td><td></td></tr><tr><td></td><td>Main hoist Group Classification</td><td>M5</td></tr><tr><td></td><td>Main hoist Classification of Utilization</td><td>T5</td></tr><tr><td></td><td>State of Loading</td><td>L2</td></tr><tr><td></td><td>Aux. Group Classification</td><td>M6</td></tr><tr><td></td><td>Aux. hoist Classification of</td><td>T6</td></tr></table>	Classifications as per FEM standard:			S/N	Particulars		a)	Structure and complete crane			Structure and complete crane			Classification of Utilization	U5		Group Classification	A5		State of Loading	Q2		Duty Factor	0.95		Impact Factor	1.15	b)	Main Machinery			Main hoist Group Classification	M5		Main hoist Classification of Utilization	T5		State of Loading	L2		Aux. Group Classification	M6		Aux. hoist Classification of	T6	<table><tr><th colspan="3">Classifications as per FEM Standard:</th></tr><tr><th>S/N</th><th>Particulars</th><th></th></tr><tr><td>a)</td><td>Structure and complete crane</td><td></td></tr><tr><td></td><td>Structure and complete crane</td><td></td></tr><tr><td></td><td>Classification of Utilization</td><td>U4</td></tr><tr><td></td><td>Group Classification</td><td>A4</td></tr><tr><td></td><td>State of Loading</td><td>Q2</td></tr><tr><td></td><td>Duty Factor</td><td>0.95</td></tr><tr><td></td><td>Impact Factor</td><td>1.15</td></tr><tr><td>b)</td><td>Main Machinery</td><td></td></tr><tr><td></td><td>Main hoist Group Classification</td><td>M5</td></tr><tr><td></td><td>Main hoist Classification of Utilization</td><td>T5</td></tr><tr><td></td><td>State of Loading</td><td>L2</td></tr><tr><td></td><td>Aux. Group Classification</td><td>M5</td></tr><tr><td></td><td>Aux. hoist Classification of Utilization</td><td>T5</td></tr><tr><td></td><td>State of Loading</td><td>L2</td></tr><tr><td>c)</td><td>Slewing Group Classification</td><td>M5</td></tr><tr><td></td><td>Classification of Utilization</td><td>T6</td></tr><tr><td></td><td>Loading Spectrum</td><td>L1</td></tr><tr><td>d)</td><td>Luffing Group Classification</td><td>M5</td></tr></table>	Classifications as per FEM Standard:			S/N	Particulars		a)	Structure and complete crane			Structure and complete crane			Classification of Utilization	U4		Group Classification	A4		State of Loading	Q2		Duty Factor	0.95		Impact Factor	1.15	b)	Main Machinery			Main hoist Group Classification	M5		Main hoist Classification of Utilization	T5		State of Loading	L2		Aux. Group Classification	M5		Aux. hoist Classification of Utilization	T5		State of Loading	L2	c)	Slewing Group Classification	M5		Classification of Utilization	T6		Loading Spectrum	L1	d)	Luffing Group Classification	M5
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		State of Loading	L2	Loading Spectrum	L2
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5.	59.3 of SOW	The control panel shall be free standing, metal enclosed and made of CRCA Sheet steel of minimum 2 mm thickness, fully treated with 7 /9 tank process, powder coated with grey color.			Clarification - Tender conditions prevail.
6.	59.5 of SOW	The Indicating instruments shall be of flush mounting type and of 96 x 86 mm size. The indicating lamps shall be of LED type.			The indicating instruments shall be of flush mounting type and of 96 x 86 mm size or as per OEM standard. The indicating lamps shall be of LED type.
7.	59.6 of SOW	All the internal wiring shall be done with proper ferrule numbers at both ends. The wire used for control wiring shall be multi stranded copper wire of size 1.5 sq. mm. All the internal power cables shall be of multi-stranded copper conductor flexible cables and of required rating			All the internal wiring shall be done with proper ferrule numbers at both ends. The wire used for control wiring shall be multi stranded copper wire of size 1.5 sq. mm. In special locations like to PLC I/O cards finer wire can be used. All the internal power cables shall be of multi-stranded copper conductor flexible cables and of required rating as recommended by bidder
8.	61.2.(b) of SOW	b) Crane Fault Monitoring, Diagonosis and Rectification			b) Crane Fault Monitoring and Diagonosis
9.	72.1 of	The main hoist, auxiliary hoist,			The main hoist, auxiliary hoist,



	SOW	luffing and slewing drive system shall be housed in air conditioned electrical room. The machinery room, HT transformer & switch gear room and the VFD control shall be separate.	luffing and slewing drive system shall be housed in air conditioned electrical room. The machinery room, HT transformer & switch gear room shall be separate.
10.	5.1.1. (i) of TEF	Documentary evidence in support of Past experience and Performance on Similar work(s) during the last 7 years, stipulated under TEF Clause No.7, as applicable in the format attached at Enclosure-8.	Documentary evidence in support of Past experience and Performance on Similar work(s) during the last 15 years, stipulated under TEF Clause No.7, as applicable in the format attached at Enclosure-8.
11.	7.1.2. of TEF	Designer's Experience: Bidder has to declare designer (Basic Design) for the project who meets the criteria mentioned below. Single bidder or Lead partner or consortium Partner or third party designer can act as a designer.	Clarification - Tender conditions prevail.
12.	7.1.3.3. of TEF	TDS copy in case of Work Completion Certificate issued by Private firms.	Clarification - For global experience, embassy certified documents to be provided.
13.	7.1.3.4.3. of TEF	Licensed Manufacturer wherein the OEM and Bidder enter into a License agreement for manufacture of cranes. Further, the bidder should have made separate/supplementary agreement with OEM specifically for this Tender. Copies of the license agreement along with the supplementary agreement to be submitted.	Clarification - Tender conditions prevail.
14.	7.1.5. of TEF	General Construction Experience: The bidder should	General Construction Experience: The bidder should have achieved an



		have achieved an annual turnover of general engineering works of at least Rs 21113 Lakhs in any of the year over a period of 15 years, ending 31st March 2024. Further out of the above annual turnover in the relevant year, the bidder should have achieved at least Rs 10556 Lakhs from EPC. Bidder has to submit a certificate from their Chartered Accountant for the above.	annual turnover of general engineering works of at least Rs 21113 Lakhs in any of the year over a period of 15 years, ending 31st March 2024. Further out of the above annual turnover in the relevant year, the bidder should have achieved at least Rs 10556 Lakhs <b>from EPC/Heavy Engineering</b> . Bidder has to submit a certificate from their Chartered Accountant for the above.
15	7.2.5. (i) of TEF	A = Maximum value of engineering (Civil/ Electrical/ Mechanical as relevant to work being procured) works executed in any one year during the last five years (updated at the current price level by applying a weightage of 7% per annum), taking into account the completed as well as works in progress.	A = Maximum value of engineering <b>EPC/Heavy Engineering</b> as relevant to work being procured) works executed in any one year during the last five years (updated at the current price level by applying a weightage of 7% per annum), taking into account the completed as well as works in progress.
16	22 of TEF	22.1. ....,the Contractor shall pay liquidated damages, a sum representing 0.5% (Half percent) per week or part thereof, subject to maximum of 10% of the contract value (completed value).	Clarification - Tender conditions prevail.
17	Stage Payment	Payment Terms	
	Stage 1	10% of Base Price - Approval of Design, GA (General Arrangement) Drawings of Crane and QAP (Quality Assurance Plan), etc. by TPEA/MDL and receipt of Bank Guarantee for an equivalent amount valid till the	10% of Base Price - Approval of Design, GA (General Arrangement) Drawings, QAP (Quality Assurance Plan),etc by TPEA/MDL and receipt of Bank Guarantee for an equivalent amount valid till the completion of <b>stage no 4 and 5</b>



		completion of stage 5.	
	Stage 2	5% of Base Price - On submission of the complete crane detailed assembly drawings, welding procedures, welding plan and NDT plan, fabrication methodology, testing methodology, final technical specifications, etc and receipt of Bank Guarantee for an equivalent amount valid till the completion of stage 5.	5% of Base Price - On submission of the complete crane detailed assembly drawings, welding procedures, welding plan and NDT plan, fabrication methodology, testing methodology, final technical specifications, etc and receipt of Bank Guarantee for an equivalent amount valid till the completion of <b>stage no 4 and 5</b>
	Stage 3	15% of Base Price - On placement of purchase orders for major mechanical, electrical equipment & Structural steel and satisfactory verification of these purchase orders vis-a-vis requirement as per detailed design, by TPEA/MDL and receipt of Bank Guarantee for an equivalent amount valid till completion of stage 5.	15% of Base Price - On placement of purchase orders for major mechanical, electrical equipment & Structural steel and satisfactory verification of these purchase orders vis-a-vis requirement as per detailed design, by TPEA/MDL and receipt of Bank Guarantee for an equivalent amount valid till completion of stage no 4 and 5
	Stage 4	20% of Base Price - On Receipt of major structural items viz; Bogies, Portal, post, frames, etc at MDL site along with all supporting documents, Test Certificates, etc. & due satisfactory inspection by TPEA and receipt of Bank Guarantee for an equivalent amount valid till completion of stage 5. (Payment will be done progressively on prorata basis)	<b>20%</b> of Base Price - On Receipt of major structural items viz; Bogies, Portal, post, frames, etc at MDL site along with all supporting documents, Test Certificates, etc. & due satisfactory inspection by TPEA. (Payment will be done progressively on Pro-rata basis)
	Stage 5	20% of Base Price - On Receipt of Electrical & Mechanical equipment's & machineries, drives & control system items, etc all complete, at MDL site along with all supporting	<b>20%</b> of Base Price - On Receipt of Electrical & Mechanical equipment's & machineries, drives & control system items, etc all complete, at MDL site along with all supporting documents, Test Certificates, etc. &



		documents, Test Certificates, etc. & due satisfactory inspection by TPEA. (Payment will be done progressively on prorata basis)	due satisfactory inspection by TPEA. (Payment will be done progressively on prorata basis)
	Stage 6	20% of Base Price - On Completion of erection of complete crane duly inspected & certified by TPEA.	20% of Base Price - On Completion of erection of complete crane duly inspected & certified by TPEA.
	Stage 7	10% of Base Price - On successful completion Testing & commissioning of the crane with due inspection & certification and satisfactory taking over by MDL, along with the list of recommended critical spare parts, tools & tackles kit, etc	10% of Base Price - On successful completion Testing & commissioning of the crane with due inspection & certification and satisfactory taking over by MDL, along with the list of recommended critical spare parts, tools & tackles kit, etc
18	86.2	86.2 During the Guarantee period of 36 months, after satisfactory acceptance of the crane, the contractor shall <del>perform the periodic maintenance as per maintenance schedule of the equipment. the crane supplier</del> should respond to any notice of defect / malfunction / under performance of any of the crane components within first 48 working hours of such notification from MDL. Also, such defect should be resolved / set right within reasonable period of time. The supplier shall replace or repair the defective/ damaged parts at his cost. If any of the spare from initial spares provided with the crane is used by the contractor during the	86.2 During the Guarantee period of 36 months, after satisfactory acceptance of the crane, the contractor shall respond to any notice of defect / malfunction / under performance of any of the crane components within first 48 working hours of such notification from MDL. Also, such defect should be resolved / set right within reasonable period of time. The supplier shall replace or repair the defective/ damaged parts at his cost. If any of the spare from initial spares provided with the crane is used by the contractor during the guarantee period, the same shall be replenished within reasonable period



		guarantee period, the same shall be replenished within reasonable period	
19	GCC - Clause 75 i)	The contractor shall on the written order of the Engineer suspend the progress of the works or any part thereof for such time or times and in such manner as the engineer may consider necessary and shall during such suspension properly protect and secure the work so far as is necessary in the opinion of the engineer. The contractor will be allowed by the accepting Executive, extension of time (not less than the period of suspension) for completion of the item or the group of items of work for which a separate period of completion is given in the contract and of which the suspended work forms a part but no other claims in this respect of completion or otherwise however shall be admitted.	Clarification - Tender conditions prevail.
20	GCC - Clause 76	All additional works and variations ordered by the engineer shall be completed within the contract time for completion of the section of the works to which they relate unless the amount of extra or additional work of any kind or other special circumstances of any kind whatsoever which may occur shall be such as	Clarification - Tender conditions prevail.



		<p>fairly to entitle the contractor to an extension of time for completion in which case the engineer shall determine the amount of such extension. Provided that the engineer is not bound to take into account any extra or additional work or other special circumstances unless the contractor has within 28 days after such work has been commenced or such circumstances have arisen or as soon thereafter as is practicable delivered to the engineer's representative full and detailed particulars of any claim to extension of time to which he may consider himself entitled in order that such claim may be investigated at the time. Provided further that an extension of time for completion shall not entitle the contractor to any extra payment for expenses by way of increased overheads or otherwise.</p>	
21	Proposed new Clause by bidder		<p>If the Contractor notifies the Engineer that the complete crane is ready for erection, and the work cannot commence or progress due to reasons attributable to the Engineer, despite the Contractor having fulfilled all preparatory obligations for erection, then the Contractor shall, upon the expiry of two (2) months from the date of such notice, be entitled to receive payment as per Clause 94.1 (ii) (6) of TEF. This</p>





			<p>entitlement shall be subject to submission of a Bank Guarantee of equal value, initially valid for twelve (12) months and maintained until completion of erection activities.</p> <p>Clarification - Not applicable.</p>
22	Proposed new Clause by bidder		<p>If the testing and commissioning cannot be started or conducted within six (6) months from the Contractor's notification to the Engineer that the complete crane is ready for erection, due to reasons attributable to the Engineer, the Contractor shall be entitled to receive payment as per Clause 94.1 (ii) (7) of TEF. This entitlement shall be subject to submission of a Bank Guarantee of equal value, initially valid for twelve (12) months and maintained until completion of testing and commissioning activities.</p> <p>Clarification - Not applicable.</p>
23	Clause 32.1, and 32.2 of TEF	<p>Power: Power, if available and required by the Contractor, may be supplied in single phase or three phases, at a single nearby source free of cost. The contractor shall make his own arrangement for electrical fittings, cables/wires, welding transformers, etc. at his own cost. Water: Water, if available, and required by the Contractor, may be supplied by MDL free of cost. However, the contractor shall make his own arrangement for connecting lines, storage etc. at his own cost.</p>	<p>Clarification - Tender conditions prevail.</p>



24	Clause 33.3 (ii) of TEF	To seek reduction in the unit rates of the items for the excess quantity, if the total value of variation in quantities exceeds 25% of the original order value	Clarification - Tender conditions prevail.												
25	Clause no 91 of SOW		<div>Clarification - Following spares are included in the minimum spares list:</div> <table><tr><th>Sr no</th><th>Description</th><th>Qty</th></tr><tr><td>1.</td><td>Inverter/Converter cards</td><td>1</td></tr><tr><td>2.</td><td>Inverter/ Converter comm. cards</td><td>1</td></tr><tr><td>3.</td><td>Anemometer</td><td>1</td></tr></table>	Sr no	Description	Qty	1.	Inverter/Converter cards	1	2.	Inverter/ Converter comm. cards	1	3.	Anemometer	1
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3.	Anemometer	1													

2. Tender closing date has been extended till 16.09.2025 and tender opening date has been extended till 17.09.2025.
3. All other terms & conditions remain unaltered.
4. The Corrigendum-III as above, duly signed & stamped, shall be scanned and submitted along with Techno-commercial Bid (PART-I) of the offer.

**Signature of Contractor**

**Seal**

**Date**