

MOM-KOM-216B-133-C-001

Job code: 0-0847-0Date: 08-Dec-2025Project name: Tangguh UCC Project

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Kick-off-Meeting with Vendor (Quality Control Part) – Cast SS Valves (R-216B-133)

qual NO.	SUB No.	Items to be Discussed		Discussion Results	Action by	Due date
1.		<u>Health, Safety and Environment (HSE) Moment</u>		N/A		
2.		<u>Safety Instruction</u>		N/A		
3.		<u>General Information</u>				
	3.1	Vendor name:	PT. METINCAPRIMA INDUSTRIAL WORKS	<i>Hereinafter "MET"</i>		
	3.2	PO No.:	R-216B-133 000780-01-P-216B-133-CS10 000780-01-P-216B-133-CM20 000780-01-P-216B-133-CY20 Other future POs under <u>000780-01-P-216B-133-C</u> Series	<i>Noted.</i>		
	3.3	Requisition No.(Rev):	R-216B-133 (C03)	<i>Noted.</i>		
	3.4	Item Description	<u>R-216B-13C</u> Cast Stainless Steel Valves	<i>MET supply scope is as follows:</i> <u>R-216B-133</u> <i>ASTM A351-CF8M, Size 8" and below, Class rating 300 and below, CR-3 Valves</i> <i>Vendor noted.</i>		

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4.		<u>Vendor Organization</u> MET to explain the roles and responsibilities of each personnel engaged in the project, including QC members.	<i>Vendor to submit the organization chart officially by 12-Dec-25.</i>	MET	12-Dec-25
5.		<u>Sub-vendor Formation</u> MET to describe the material flow of sub-ordered components.	<i>Vendor to provide the sub-vendor list by 12-Dec-25.</i>	MET	12-Dec-25
	5.1	Sub-Vendor name			
	5.2	Sub-Vendor location			
	5.3	Sub-order item			
6.		<u>Communication Channel (Name, E-mail address, telephone No. etc.)</u>			
	6.1	Method of corresponding system (JPLUS etc.): Communications for QC issues shall be through J-PLUSP – Category “q”: jind.000780-0-p-216b-133-c-q@pms.jgc.com The above J-PLUSP Category shall be used for communication on QC issue, including but not be limited to IRC, etc. For QC-related documents, MET has to follow project rules for submission.	<i>Noted.</i>		
	6.2	JGC: Name (Position): Mr. Aaron Syahronitua Sinaga	To be included in the communications on JGC		

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			(PQCE)	side are the following: (1) Mr. Koji Yoshihara (PQM) (2) Mr. Khusnul Fuad (PQCM) (3) Mr. Deddy Mardianto (DPQCM) (4) Mr. Apolonio Aguila (Lead PQC)		
		E-mail address:	aaron.sinaga@jgc.com	(1) yoshihara.koji@jgc.com (2) fuad.khusnul@jgc.com (3) mardianto.deddy@jgc.com (4) aguila.apolonio1@jgc.com		
		Telephone No.:	+81-70-1240-3117			
	6.3	MET:	Name (Position):	1) Mr. Umar Syaogy Awad (Project Manager) 2) Mr. Sabaruddin (QAQC Manager)		
			E-mail address:	1) syaogy.awad@metinca-prima.co.id 2) Sabar@metincaprima.com		
			Telephone No.:	1) +628-11-1638-002 2) +628-52-1000-0718		
		CPY (BP)	Name:	1) Mr. Syamsul Hadi Zakaria (BP Quality)		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
7.		<u>Scope of Test & Inspection</u>			
	7.1	<u>Inspection Level</u> Inspection level is 3 as specified in Annex B Table B-1 of UCC-900-REQ-MP-BP3-6133 “Requisition for Cast Stainless Steel Valves” Requirement for inspection level 3 is specified in Attachment-2 of UCC-930-PRC-QC-BP3-0001 “Quality Control Requirements to Vendor (Procurement Phase)”.	Vendor confirmed.		
	7.2	MET to confirm the scope of tests & inspections as per JGC’s “Scope of Tests & Inspections” in Annex F Table F-1 of UCC-900-REQ-MP-BP3-6133 “Requisition for Cast Stainless Steel Valves”. MET is requested to submit Inspection & Test Plan (ITP) incorporating above “Scope of Tests & Inspections” and other project requirements. MET may use own format for ITP preparation. However the format shall include the details as shown in Attachment 3 of UCC-930-PRC-QC-BP3-0001 “Quality Control Requirements to Vendor (Procurement Phase)”. ITP shall be reviewed and approved at least in code B by CPY and JGC prior to production. (“A” approval =	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date																																																																														
		approved without comments or “B” approval = approved with only minor comments) Refer to sample ITP format on Attachment 3 of SP-0000-15200-0002. All information required in the sample form must be included in ITP. [ATTACHMENT-3] Sample of Quality Control Status Report <table><tr><th colspan="12">Item</th></tr><tr><th rowspan="2">No. (1)</th><th rowspan="2">Quality verification activity (2)</th><th rowspan="2">Reference Procedure (3)</th><th rowspan="2">Acceptance Criteria (4)</th><th rowspan="2">Verifying Documents (5)</th><th colspan="4">Party (6)</th><th colspan="2">Record (7)</th><th rowspan="2">Remarks (9)</th></tr><tr><th>Vendor</th><th>CO NTR ACT OR</th><th>CO MPA NY</th><th>TPJA</th><th>OR /IR (7)</th><th>MDRB (8)</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Item												No. (1)	Quality verification activity (2)	Reference Procedure (3)	Acceptance Criteria (4)	Verifying Documents (5)	Party (6)				Record (7)		Remarks (9)	Vendor	CO NTR ACT OR	CO MPA NY	TPJA	OR /IR (7)	MDRB (8)																																																			
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8.		Applicable QC Specifications																																																																																	

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		Confirmation of the following applicable documents for QC activities as per Requirements. MET is requested to follow those applicable documents strictly. Applicable documents: • UCC-930-PRC-QC-BP3-0001 Quality Control Requirement to VENDOR (Procurement Phase) Rev. B03 • UCC-930-PRC-QC-BP3-0002 Nonconformity Control Procedure for Purchased Equipment and Material (Procurement Phase) Rev. B01 • UCC-930-PRC-QC-BP3-0003 Material Traceability and Material Certification Requirements for Equipment and Bulk Material Rev. B01 • UCC-930-PRC-QC-BP3-0004 General Requirements for Manufacturing Data Record Books (MDRB) Rev. B02 • UCC-930-PRC-QC-BP3-0005 General Requirements of Positive Material Identification for Purchased Equipment Rev. B01	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		• UCC-930-PRC-QC-BP3-0006 General Requirements to VENDOR for Remote Inspection Implementation Rev. B02 • UCC-930-PRC-QC-BP3-0007 General Requirements for Pressure Casting Rev. B01 • UCC-930-PRC-QC-BP3-0010 Requirements for Control of Measuring Tools and Equipment for Testing and Inspection Rev. B01 • UCC-930-PRC-QC-BP3-0011 Government Requirement for Shop & Site inspection & certification Rev. B01 • UCC-930-PRC-QC-BP3-0012 General Welding Requirements for Piping Materials (Procurement Phase) Rev. B03			
9.		<u>Statutory Requirements</u>		N/A	-
	9.1	Statutory inspection requirements : Government Regulation: MIGAS <u>Welding Procedure (WPS/PQR)</u> ✓ Welding Procedure Specifications (WPS) and Procedure	<i>Vendor confirmed as follows:</i> • WPS/PQR has been endorsed by MIGAS. • Welder/Welding Operator MIGAS endorsement is currently under approval by		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		Qualification Records (PQR) used for welding work of MIGAS project area in Indonesia shall be endorsed / registered by MIGAS. It is responsibility of Vendor or Subcontractor to provide the WPS/PQR that already endorsed by MIGAS. ✓ For newly qualified welding procedures, the qualification of WPS/PQR shall be witnessed by MIGAS and shall be carried out in accordance with applicable code / standards and project requirements. The coordination process with MIGAS shall be done by Vendor or Subcontractor's responsibility. <u>Welder / Welding Opearator Qualification (WPQT/WOPQT)</u> Welders and welding operators produce welding for fabrication of equipment, materials, and plant installation for MIGAS project area in Indonesia shall be qualified and certified by MIGAS. It is responsibility of Vendor or Subcontractor to qualify and provide MIGAS certificates for their welders and welding operators.	MIGAS. Approximately, final approval to be received by the end of Dec-25.		
10.		<u>QC related vendor documents & submission schedule</u>			

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qual NO.	SUB No.	Items to be Discussed		Discussion Results	Action by	Due date
		MET is requested to submit QC related documents to JGC for approval as per requirement and follow submission schedule.				
		Required documents (marked with ☑)	Submission schedule			
		☑ Inspection and Test Plan	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☑ Fire Test Certificate	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☑ Fabrication Procedure	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☑ WPS & PQR with Weld/NDE Map	4W after PO	[Requires approval prior to PIM] – Code B Shall include the WPS for casting repair welding	MET	31-Dec-25
		☑ Welder's & Welding Operator's List (including qualification certificate)	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☑ Welding Consumables Handling Procedure	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☑ Casting Inspection Procedure (including Welding Repair Procedure)	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☑ Heat Treatment Procedure including PWHT Procedure	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☑ Production Test Procedure (including Hardness, Impact test, Ferrite content, etc)	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25

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qual NO.	SUB No.	Items to be Discussed		Discussion Results	Action by	Due date
		☒ Inspection and Test Procedure (incl. pressure test, gas testing, low temperature gas, vacuum, fugitive emission testing, high temp testing, cryogenic testing etc)	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☒ Non-Destructive Examination Procedure (Incl. NDE Personnel List with Valid Certificate Copy)	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☒ PMI Procedure	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☒ Material Traceability Procedure (Including Marking, Mark Shifting & Traceability)	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☒ Control Specification for Measurement Devices (with Calibrated Measuring Equipment List & Calibration Certificate as attachment)	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☒ Index of Manufacturing Data Record Books (MDRB)	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☐ Manufacturing Data Record Books (MDRB)	2 W After Shipment		MET	2W after shipment
		☐ Table of Contents (TOC) for Dispatch Dossier	4W after PO		MET	31-Dec-25
		☐ Dispatch Dossier	At the same time as shipment		MET	At the same time of shipment
		☒ Project Quality Plan	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
		☒ Organizational Chart	2W after PO	<i>Vendor to provide submission plan date.</i>	MET	31-Dec-25
		☒ Manufacturing Schedule	4W after PO	<i>Vendor to provide submission plan date.</i>	MET	31-Dec-25

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qual NO.	SUB No.	Items to be Discussed		Discussion Results	Action by	Due date
		☒ Sub Vendor List	4W after PO	[Requires approval prior to PIM] – Code B	MET	31-Dec-25
11.		<u>PIM (Pre-Inspection Meeting)</u>	☒ Required ☐ Not Required			
	11.1	PIM tentative date (If required)		1st Week of February 2026 (Tentative)		
	11.2	PIM location (If required)		<u>PT. Metinca Prima Industrial Works</u> Jl. P. Diponegoro No.108 , Setia Darma, Tambun Selatan, Bekasi, Jawa Barat - Indonesia 17510 P : +62 21 8836 8880 F : +62 21 8836 8881		
	11.3	PIM at sub-vendor (s)	☐ Required ☒ Not Required			
12.		<u>Special QC Requirements to follow prior to PIM (e.g. material requirements, statutory requirements, etc.)</u>				
	12.1	<u>Two Months Look Ahead Inspection Schedule</u> (Refer to Clause 9.1 of UCC-930-PRC-QC-BP3-0001 Quality Control Requirement to VENDOR (Procurement Phase)) MET is required to prepare an inspection schedule for two months look ahead and submit it to JGC as an attachment of "VENDOR's Monthly Status Report". It shall indicate all inspection / test items,		Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		which will be witnessed by JGC and COMPANY, if any, using the legend as shown in Attachment 7 of UCC-930-PRC-QC-BP3-0001 Quality Control Requirement to VENDOR (Procurement Phase).			
	12.2	Inspection Notification (Refer to Clause 9.2 of UCC-930-PRC-QC-BP3-0001 Quality Control Requirement to VENDOR (Procurement Phase)) (1) MET shall submit an IN to JGC eleven (11) working days before scheduled witness inspection date in accordance with the “Hold” and “Witness” points shown in the approved ITP. (2) IN shall be submitted per PO No. (3) IN sample available in UCC-930-PRC-QC-BP3-0001 Quality Control Requirement to VENDOR (Procurement Phase). (4) MET shall strictly follow the above submission schedule in order to keep sufficient period for the arrangement by JGC and COMPANY. (5) IN shall be sent via JGC QC database “QBIC”. If QBIC is not available or is unable to use, IN shall be submitted to JGC through J-PLUSP. JGC’s PQCM / QCE will arrange inspector through JGC’s QC coordinators. Therefore, MET shall not send IN to JGC’s QC coordinators directly.	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		(6) Key personnel who are registered to J-PLUSP will have the access to QBIC database system. (7) MET shall use below link to prepare Inspection Notification: http://wpms.jgc.com/PMSAPL/QBIC/faces/QbicLogin.xhtml (8) Refer the attachment “IN Workflow for Vendor (TUCC) “. (9) IN number shall be described below, example IN-216B-133-C(M/Y/S*)-001, 002 ,003 etc. *: As per purchase order			
	12.3	<u>QC Documents to be approved before PIM</u> Approval required prior to PIM means that the documents has to be at least code “B”. See Section 10 for the list of documents.	Vendor confirmed.		
	12.4	<u>Manufacturing Data Record Book (MDRB)</u> (1) MDRB shall be prepared, compiled and submitted to JGC in accordance with UCC-930-PRC-QC-BP3-0004 General Requirements for Manufacturing Data Record Books (MDRB) (2) PO is not regarded as completed until MDRB is submitted and approved by JGC. (3) MET shall submit Index of MDRB for JGC's approval within 4 weeks from order placement, but not later than start of fabrication in any case, in accordance with requisition.	Vendor confirmed.		

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		(4) MET to compile MDRB according to JGC approved of MDRB Index. A Dummy file of MDRB shall be prepared before the start of fabrication. All inspection and test records shall be compiled as the fabrication progress. The requirements of Dummy file are as follows: - To include MDRB index approved by Contractor - To include dividers for each section - To be prepared and shown to Contractor at PIM If no records are applicable to the section, "Not applicable" shall be indicated on the section paper. (5) MDRB shall be submitted 2W after shipment. (6) MDRB shall be submitted in soft copy format only. (7) Digital version of MDRB shall have bookmark and searchable (OCR). Digital version MDRB shall be readable and legible. (8) MET shall include minimum but not limited to all the sections mentioned in the clause 8.			
	12.5	<u>Control of Measuring and Test Device</u> (Refer to UCC-930-PRC-QC-BP3-0010 Requirements for Control of Measuring Tools and Equipment for Testing and Inspection)) (1) MET shall have an established procedure for calibration and	Vendor confirmed.		

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		control of measuring and test devices in accordance with their quality manual. (2) In addition, the calibrated instruments details (e.g. serial number, calibrated date & calibration expiry date, etc) shall be indicated clearly in the test and inspection reports (e.g. hydrotest, hardness test, PMI, impact test, painting & related inspections, thickness measurement, NDE, etc.). (3) Vendor shall ensure that laboratories used for the testing of materials and calibration of testing equipment shall be certified by KAN (Komite Akreditasi Nasional) or ISO 17025 or Company agreed equivalent standard.			
	12.6	<u>Material Traceability and Material Certification</u> <i>(Refer to UCC-930-PRC-QC-BP3-0003 Material Traceability and Material Certification Requirements for Equipment and Bulk Material))</i> (1) Material certification and traceability shall be provided in accordance with Table 6-3 of UCC-930-PRC-QC-BP3-0003 “Material Traceability and Material Certification Requirements for Equipment and Bulk Material”. (2) In case a material certificate is required, MET shall: Receive and control the material certificate for each unit	Vendor confirmed.		

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		such as charge, lot, heat, batch in accordance with the approved Material Traceability Procedure, - Identify applicable material certificate reference number to each part of the product, - Attach material certificate of raw (original) material to the material certificate of the final product when history of the material changes during the manufacturing process (3) MET shall ensure Sub-Vendor to implement equivalent material traceability as required in UCC-930-PRC-QC-BP3-0003 “Material Traceability and Material Certification Requirements for Equipment and Bulk Material” by way of requesting and approval of the procedure and of conducting surveillance. (4) Marking procedure shall be included in MET’s “Material Traceability Procedure”. (5) If any unidentified materials or doubtful or damaged materials shall be kept separately and will be handled with NCR procedure.			
	12.7	<u>Qualification of Inspection and Examination Personnel</u> (Refer to Clause 6.5 and 6.8 of UCC-930-PRC-QC-BP3-0001 Quality Control Requirement to VENDOR (Procurement Phase))	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		(1) MET's non-destructive examination (NDE) inspector shall be qualified in ASNT (SNT-TC-1A is NOT acceptable), JSNDI, CSWIP, or ISO 9712 level 2. (2) Welding inspectors should hold a current level 2 or equivalent certification from a recognized scheme such as AWS QC1-CWI, CSWIP 3.1, IWI-C or equivalent. (3) Coating Inspectors: AMPP, NACE, SSPC, British Gas, FROSIO, ICORR or equivalent, Level II minimum. Inspector level II, may carry out the inspection work under the supervision of an inspector level III (NORSOK M-501 Para 11.2.5)			
	12.8	Positive Material Identification (PMI) <i>(Refer to UCC-930-PRC-QC-BP3-0005 General Requirements of Positive Material Identification for Purchased Equipment)</i> (1) MET to perform PMI in accordance with JGC approved PMI Procedure incorporating the guidelines and instruction of PMI instrument manufacturers. (2) PMI Operator shall be trained, qualified and experienced to perform PMI activities. Operator training, qualification, and experience record shall be attached to PMI procedure prepared by MET or be submitted as another document. The document(s)	JGC to advise whether PMI can be conducted using MET inhouse tools. Vendor confirmed.	JGC	12-Dec-25

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		shall be approved by JGC.			
	12.9	<u>Nonconformity Report (NCR)</u> <i>(Refer to UCC-930-PRC-QC-BP3-0002 Nonconformity Control Procedure for Purchased Equipment and Material (Procurement Phase))</i> (1) NCR shall be aligned with the requirements of UCC-930-PRC-QC-BP3-0002 Nonconformity Control Procedure for Purchased Equipment and Material (Procurement Phase). (2) NCR document number shall be described below: NCR-216B-133-C-001, 002,... ETC.	Vendor confirmed.		
	12.10	<u>Inspection Release Certificate (IRC)</u> <i>(Refer to UCC-930-PRC-QC-BP3-0001 Quality Control Requirement to VENDOR (Procurement Phase))</i> <u>Preparation and control</u> (1) Standard form of IRC is shown as Attachment-11 of UCC-930-PRC-QC-BP3-0001 Quality Control Requirement to VENDOR (Procurement Phase) (2) Basically, IRC is controlled and issued for each PO. (3) When all items of applicable PO are satisfied with all above IRC issue conditions, partially or 100% IRC will be issued. (4) If required, IRC will be controlled by each sub-order.	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		<u>Issue condition</u> (1) JGC will issue IRC to MET when it is confirmed that: - all of the works as agreed in PO for applicable item are completed except approval of Manufacturing Data Record Book (MDRB) by JGC. - all tests and inspections are satisfactorily completed and passed. - all punch list items are closed, except carry-over work to Site. - all NCR (if any) have been closed out. (2) JGC's inspector will review and endorse all documents to be included in MDRB, if JGC's inspector attends the final inspection. <u>Remarks</u> (1) IRC shall form an integral part of MDRB. (2) Equipment and materials shall not be allowed to ship without IRC. Equipment and materials which have been shipped before issuance of IRC are considered as rejected. (3) If equipment and materials are shipped to site although those			

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		items have been rejected by inspection, the treatment of those items shall be one of as follows: - Inspected and repaired at site, and subjected to final inspection. - Returned to MET for inspection and repair, test or re-inspection, as determined by JGC. - Accepted with appropriate qualifications by JGC and approved by COMPANY in writing. (4) MET shall note that IRC does not relieve MET of its responsibilities or obligation under the terms of PO. (5) IRC number shall be described below, example: IRC-216B-133-C(M/Y/S*)-001, 002 *: Destination code as per PO number			
	12.11	IRC required document to obtain COMPANY sign on IRC as per Attachment-12 (B) of UCC-930-PRC-QC-BP3-0001 (Quality Control Requirement to Vendor (Procurement Phase) - List of items covered by IRC with Compliance statement (*) signed by all parties. - Related FAT Report or MTC (reviewed & signed by VENDOR and CONTRACTOR),	Vendor confirmed. Applicable documents shall be item 1, 2, 5, 6.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		3. Instrument item calibration list, if applicable. 4. Hazardous Equipment Inspection Certificate (L20) such as Form E18A of IEC 60079-17) – as applicable, with Ex item list. 5. Packing List 6. Photos. (*) Compliance Statement will be as below: “All the above items have been completely inspected as per Inspection & Test Plan (ITP) Doc. No. V-21XX-.... Rev. xx and found acceptable”			
13.		<u>Lessons Learned from the past projects</u>			
	13.1	Refer to attached “Lessons Learned sheet”			
14.		<u>Others (If any)</u>			
	14.1	<u>Dispatch Dossier</u> MET shall document dispatch dossier. A copy of the approved dossier in hard copy format shall be included with the shipment to site / module fabrication yard for use in the receiving inspection. The dossier will be used to carry out remaining completion activities and monitor activities which remain to be completed by the Supplier after	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		delivery of the equipment. MET shall submit a Table of Contents of Dispatch Dossier to JGC, with the following content as minimum: <u>Contents of the Dispatch Dossier:</u> (1) Title Page • Material/Equipment description • PO Number • Supplier's contact name and telephone number (2) Packing List • Full and detailed (3) Release Notes • From CONTRACTOR and Third Party (if applicable) (4) Work Transfer Authorization Form (WTAF) • Includes punch-lists for approved incomplete items (5) Certifications (if any) • Type Approval & Coded Vessel Certification • Lifting Equipment Proof Test Certificates • Weight and Center of Gravity (C of G) Data Sheets (6) Safety & Material Documentation • Material Safety Data Sheets (MSDS) • Material Certificates (for site-welded interface items) (7) Deviation Requests • Project Deviation Request (DR) details (8) Packing & Preservation • Confirmation per approved procedure (9) Procedures • Handling • Installation			

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		- Pre-commissioning (10) Certificates - Certificate of Conformance (CoC) - Certificate of Origin (COO) (From Vendor)			
	14.3	<u>Additional Inspection Requirements</u> As per additional requirements from COMPANY, MET shall follow the following inspections conditions and include them into MET's ITP: - JGC shall 100% Witness NDE Tests (ITP Hold Point) on Valve Body Castings. - A formal valve pre-assembly meeting shall be conducted at the manufacturing location. - All check valves shall be subject to 100% witness (ITP Hold Point) of hydrostatic and low pressure (pneumatic) seat testing. - All gate valves 6" and above shall be subject to 100% witness (ITP Hold POINT) oh hydrostatic testing. - Go/No-Go Meetings shall be ahead of application of hard-facing and coatings. [Applicable for Cast SS Valves] 100% of all pressure retaining parts in CRA material (e.g. 316SS) shall be subject to Positive Material Identification (PMI) testing and witnessed by Contractor.	Vendor confirmed compliance to item 1~5. JGC to inform which pressure retaining parts to be subjected 100% PMI. Vendor confirmed.	JGC	12-Dec-25
	14.4	<u>QC Surveillance Program for Casting Foundry</u>	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		<u>Purpose</u> As part of JGC QC measure to prevent quality issues in casting, JGC will conduct a QC surveillance visit to MET's casting foundry. The surveillance will be conducted by an inspector appointed by JGC. <u>Timing</u> QC surveillance will be conducted at the following timing: • Preparation for first casting • Just before first time of Pouring • For some casting processes for 2nd or 3rd lot <u>Submission of casting foundry information</u> MET is required to submit the necessary information regarding the foundry related to each item to JGC, with the minimum: A) Foundry Name B) Address C) Whether or not the factory is changed depending on the size, weight, and material of the item and the size of the production. D) Size and Weight	Vendor to provide the casting foundry information to JGC by 12-Dec-25. Vendor confirmed. Response: Casting Foundry information are as follows: A) Foundry name: METINCA B) Address: Jl.P.Diponegoro No.108 , Setia Darma, Tambun Selatan, Bekasi, Jawa Barat - Indonesia 17510 C) All size, Class, and material are cast in our own foundry D) As per catalogue (attached) and GAD E) Carbon Steel, Low Alloy Steel, Stainless Steel and Duplex F) 200 Ton Molten metal monthly G) None After permission for production being given by purchaser, key documents approved	MET	12-Dec-25

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		E) Material (Material, Rating, Grade) F) Manufacturing Capacity G) Whether there are special orders or not H) When will the casting start (forecast/plan, etc.)			
	14.5	<u>Rust Prevention Measures</u> <i>(Refer to UCC-930-SPE-MT-BP3-1005 General Specification for Rust Prevention)</i> (1) MET shall apply rust preventive treatments in accordance with UCC-930-SPE-MT-BP3-1005 General Specification for Rust Prevention - Appendix 1 (2) MET shall apply appropriate rust preventive on flange surface. When Vendor use rust preventive varnish or oil on flange surface, the following items shall be considered and described in Rust Prevention Procedure. - Type of Varnish or Oil - Removal Method - Removal Solvent (3) MET shall not use rust preventive varnish (e.g. water soluble modified/ pure acrylic alkyd black) which are difficult to be removed by solvent cleaning. Removal solvent shall not be the	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		special remover but commercially available at Project Site and Module Fabrication Yard such as thinner, acetone and so on. (4) Dry Film Thickness (DFT) of rust preventive varnish shall be as per coating material manufacturer's recommendation. (5) MET shall pay special attention to corrosion on inside of equipment, which will be caused due to remaining water after hydrostatic test at vendor shop. MET shall follow the specified rust prevention method below for the items specified in APPENDIX 1. • Drying treatment • Water soluble VCI application (6) MET shall provide a Preservation Dossier to confirm that the preservation procedure have been applied to protect the goods during transport and storage until delivery and handover to Company. Preservation Dossier shall include: • Preservation Records • Tagged Equipment List • Toxicological data sheets in the form of Safety Data Sheet for preservation used • Additional maintenance preservation requirements • Procedure for removal of preservation product used • Vendor procedure for packing of the skid/equipment (if applicable)			

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		- Interval for additional preservation requirement - Vendor instruction for preservation during construction at fabrication site - Record of supplier's resistance measurement on motor, heater, e.t.c. (if applicable)			
	14.6	<u>Hydrostatic Test Water Requirements</u> <i>(Refer to UCC-900-SPE-MP-BP3-6206 Specification for Traps and Exhaust Heads)</i> MET shall follow the following requirements for the water used during hydrostatic test water. <u>Para. 8.5.5</u> A) Maximum chloride content shall be $\leq 50\text{ppm}$. B) The pH value of test water shall be between 5.5 and 8.5. C) Use of appropriate water sources e.g. potable water, demineralized water, or reverse osmosis water. D) Reusing of test water is prohibited. E) Visual inspection for turbidity, foreign matter and odour shall be performed. F) Water source analysis certificates are subjected to CONTRACTOR / COMPANY review and approval. G) Maximum exposure time to hydrostatic testing water of 10days. H) Rapid draining and drying after testing and rust prevention in accordance with UCC--930-SPE-MT-BP3-1005, General Specification for Rust Prevention.	<i>Vendor confirmed.</i> <i>MET informed that coolant (inhibitor) is added to the test water. MET to specify which inhibitor to be used and to include the MSDS to inspection and test procedure (on pressure test section).</i>		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		I) Water quality and level of checking is consistent with industry standards for hydrostatic test of items manufactured in shops. J) Equipment e.g. pressure vessels, heat exchangers, drums, columns, etc. shall be internally visually inspected to ensure complete removal of hydrostatic test water.			
	14.7	<u>Flange end protection</u> <i>(refer to UCC-930-SPE-MT-BP3-1005 General Specification for Rust Prevention 6.3.1)</i> 1) Flange ends for bulk flanges, bulk valves and piping specialty shall be covered with plastic caps to protect machined surface after rust preventive oil or varnish applied. Plastic caps shall be durable considering the protection of flange end at site before installation to avoid the contamination inside. Other protection method shall be approved by CONTRACTOR. 2) Flange ends shall be covered with plastic caps after the rust preventive varnish fully cured.	Vendor confirmed.		
	14.8	<u>Check of Gasket Contact Surface</u> <i>(refer to UCC-900-REQ-MP-BP3-6131 Requisition for Cast Carbon Steel, LTCS, and Low Alloy Steel Valves Annex F Note (4))</i> 1) Surfaces of flanges with serrations or grooves shall be visually	Vendor confirmed.		

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		inspected by Contractor after removal of rust prevention on gasket contacting surface before packing as a minimum one piece of each size of flange per one shipment or one inspection. 2) For NPS 24 and larger, all flanges shall be inspected as the same way with described above. 3) The inspected area shall be touched up after inspection. This requirement shall be incorporated in VENDOR ITP. 4) If imperfections or rust have appeared on the surface of large flanges (NPS 24 and larger), the surface conditions of smaller sized flanges shall be also inspected. Inspection frequency (sampling rate) and applicable size may be determined by Contractor.			
	14.9	<u>Additional requirements as per UCC-900-SPE-MP-BP3-6130 Specification for Manual Valves</u> <u>Para 8.1.2</u> Local post weld heat treatment is not acceptable, except for welds of welded bonnet/ cover, extended bonnets, pup-pieces/ nipples to body, and auxiliary connections to body.	<i>Vendor confirmed compliance to Para 8.12 and 10.3</i> <u>Para. 10.6.2</u> <i>Vendor confirmed to conduct PMI on body, bonnet, cover, and stem.</i> Vendor's understanding that there is no pressure	JGC	12-Dec-25

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qual NO.	SUB No.	Items to be Discussed	Discussion Results	Action by	Due date
		<u>Para. 10.3</u> The following bolts and nuts shall be impact tested at minus (-) 90 deg.C with impact energy absorption in conformance to the requirements of ASTM A320. ● Bolts (ASTM A320 Grade L7M) and nuts (ASTM A194 Grade 7M) <u>Para. 10.6.2</u> PMI shall be performed to body, bonnet, cover, stem, pressure-containing welds, pup-pieces and nipples except valve internals. (Which applicable to PO)	<i>containing weld to be subject to PMI. JGC to confirm.</i> <i>Vendor confirmed.</i>		

End of this MOM

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JGC CORPORATION	PT. METINCA PRIMA INDUSTRIAL WORKS
Name: Aaron Syahronitua Sinaga	Name: Syaugy Awad Umar
Signature:	Signature: 
Date: 23-Dec-2025	Date: 19 Dec 2025