

USGC BAYTOWN GOLD REVAMP

EQUIPMENT / BULK MATERIAL MATERIAL REQUISITION FOR CENTRIFUGAL PUMPS – LOW FLOW HIGH HEAD

Material Requisition SR

SCOPE OF SUPPLY

This supply is composed of two parts

Part I : Equipment / Bulk Material Supply

Part II : Documents and Drawings Supply

0	9-Oct-2024	IFQ-Issued for Quotation	Amandeep Singh	Dilip Kumar	Subhrajeet Nandi
Rev.	Date	Status	Written by (name & visa)	Checked by (name & visa)	Approved by (name & visa)

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PART I : EQUIPMENT / BULK MATERIAL SUPPLY

Pos - Sub Pos	Tag Number	Description	Current Qty	Purc. Dest.
1 - 1	HCU1-P821A	D811 SOUR WATER PUMPS	1	PWP-HC03-MECH-REQP-01
1 - 2	HCU1-PM821A	D811 SOUR WATER PUMPS MOTOR	1	PWP-HC03-MECH-REQP-01
2 - 1	-	Start up and Commissioning Spare Parts For Tag no. HCU1-P821A/B	1	PWP-HC03-MECH-REQP-01
3 - 1	HCU1-P821B	D811 SOUR WATER PUMPS	1	PWP-HC03-MECH-REQP-01
3 - 2	HCU1-PM821B	D811 SOUR WATER PUMPS MOTOR	1	PWP-HC03-MECH-REQP-01

A = Added - M = Modified - X = Canceled - D = Canceled in a previous revision

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PART II : DOCUMENTS AND DRAWINGS SUPPLY

VDR (1)	Description	First Issue			Final Issue (5)
		Issue Date (2)	Purpose (3)	Quantity Type (4)	Quantity Type (4)
* A0001	List of VENDOR's Documents and Drawings	+2 W	IFR	1E	13C + 1E
* A0103	Piping & Instrument Diagrams	+4 W	IFR	1E	13C + 1E
A0104	Equipment List	+4 W	IFR	1E	13C + 1E
A0105	Noise Data Sheet (Including noise calculation / estimate)	+16 W	IFR	1E	13C + 1E
A0106	External Painting / Coating Procedure	+16 W	IFR	1E	13C + 1E
A0129	Bill of Material - As per AWP Requirement (As per AWP requirements)	+10 W	IFR	1E	13C + 1E
A0401	VENDOR Engineering Data-Book	2 M BEFORE DELIVERY	IFR	1E	13C + 1E
A0401A	Index of VENDOR Engineering Data-Book	3 M BEFORE DELIVERY	IFR	1E	13C + 1E
A0402	Final Documentation Electronic Files	1 M BEFORE DELIVERY	IFI	1E	13C + 1E
* A1001	Equipment Data-Sheet Including Seal Datasheet	+4 W	IFR	1E	13C + 1E
* A1002	Performance Curves	+4 W	IFR	1E	13C + 1E
A1006	Auxiliaries Data Sheets	+8 W	IFR	1E	13C + 1E
A1007	Lateral Critical Speed Analysis	+8 W	IFR	1E	13C + 1E
A1009	Torsional Critical Speed Analysis	+8 W	IFR	1E	13C + 1E
A1014	Utility Balance	+8 W	IFR	1E	13C + 1E
A1015	Completed Lubricant Charts	+10 W	IFR	1E	13C + 1E
* A1101	Cross Sectional and Assembly Drawings (With Part List)	+4 W	IFR	1E	13C + 1E
* A1102	Drawings of Auxiliaries and Itemized Equipment Supplied Loose (Including Lube oil skid, coupling & Seal plan dwg)	+4 W	IFR	1E	13C + 1E
A1106	Mechanical Seal Or Packing Drawings (With Material List)	+4 W	IFR	1E	13C + 1E
A1112	Nameplate Drawing	+10 W	IFR	1E	13C + 1E
* A1117	Coupling Drawings (With Material List)	+4 W	IFR	1E	13C + 1E
* A2001	General Arrangement Drawings	+4 W	IFR	1E	13C + 1E
A2006	Foundation Layout and Loading Plan	+6 W	IFR	1E	13C + 1E
A2013	VENDOR 3D Model (As per AWP requirements)	+16 W	IFR	1E	13C + 1E
A3001	Instruments and I-O Lists	+8 W	IFR	1E	13C + 1E
A3002	List of Instrument Cables	+8 W	IFR	1E	13C + 1E
A3003	List of Junction Boxes Control Boxes Cabinets and Panels	+8 W	IFR	1E	13C + 1E
A3101	Instrument Data Sheets	+12 W	IFR	1E	13C + 1E

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VDR (1)	Description	First Issue			Final Issue (5)
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A3403	Junction Boxes-Cabinets and Panels Wiring Diagrams	+12 W	IFR	1E	13C + 1E
A3404	Instruments-Junction Boxes-Control Boxes-Cabinets and Panel Location Drawings	+12 W	IFR	1E	13C + 1E
A3406	Instrument Hook-Up Drawings	+12 W	IFR	1E	13C + 1E
A4102	Electric Motor Data Sheets	+6 W	IFR	1E	13C + 1E
A4104	Torque Versus Speed / Current / Power Factor Curves	+6 W	IFR	1E	13C + 1E
A4206	Electrical Terminal Box Detail Drawing With Termination Details	+6 W	IFR	1E	13C + 1E
* A4207	Electric Motor Drawings	+4 W	IFR	1E	13C + 1E
A5001	Special Precautions for Handling Prior and During Erection-Installation	2 M BEFORE DELIVERY	IFI	1E	13C + 1E
A5002	Recommendations for Storage and Preservation Prior and After Erection-Installation	2 M BEFORE DELIVERY	IFI	1E	13C + 1E
A5007	List of Spare Parts for Erection-Installation Commissioning and Start-Up (Including Capital Spares)	+8 W	IFI	1E	13C + 1E
A5015	Installation Start-Up and Commissioning Manuals (Including Operation & Maintenance Manual)	2 M BEFORE DELIVERY	IFI	1E	13C + 1E
* B1001	Job Quality Assurance Plan	+4 W	IFR	1E	13C + 1E
B1002	Fabrication Quality Control Plan	+8 W	IFR	1E	13C + 1E
B1003	Index of VENDOR Manufacturing Data Book	3 M BEFORE DELIVERY	IFR	1E	13C + 1E
B1004	VENDOR Manufacturing Data Book	2 M BEFORE DELIVERY	IFI	1E	13C + 1E
B1103	Testing and Control Procedures (Including PMI & Base plate flatness procedure)	+18 W	IFR	1E	13C + 1E
B1105	Test and Control Report Including Following: a) - Inspection and test equipment calibration certificates b) - Rotating component balancing certificates c) - Baseplate flatness and coplanarity certificates d) PMI Report e) Hydrotest Report	3 M BEFORE DELIVERY	IFR	1E	13C + 1E
B1201	PWHT Procedure	+10 W	IFR	1E	13C + 1E
B1202	NDT Procedure	+10 W	IFR	1E	13C + 1E
* B1203	Material Specification for Main Sub-Orders	+4 W	IFR	1E	13C + 1E
B1204	Welders Qualification Certificates	+10 W	IFR	1E	13C + 1E
B1206	NDT Operators Certificates	+10 W	IFR	1E	13C + 1E
B1207	NDT Record Certificates for Location of Sketches of Radiographs and Other NDT	+10 W	IFR	1E	13C + 1E
B1209	Hydraulic and Others Shop Tests Records a) TPI approved Performance & Mechanical run test report b) Wear part clearance certificate c) Shaft TIR Records d) Hardness test Records	2 M BEFORE DELIVERY	IFR	1E	13C + 1E

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VDR (1)	Description	First Issue			Final Issue (5)
		Issue Date (2)	Purpose (3)	Quantity Type (4)	Quantity Type (4)
B1210	Material Certificates	2 M BEFORE DELIVERY	IFR	1E	13C + 1E
B1211	Heat Treatment Records Certificates (Including Charts)	2 M BEFORE DELIVERY	IFR	1E	13C + 1E
B1223	Ex Certificates (Including - Hazardous area certificate (type))	2 M BEFORE DELIVERY	IFR	1E	13C + 1E
B1304	Welding Book (Welding Map-Welding Procedure Specification-Procedure Qualification Report) (Including weld repair records)	+10 W	IFR	1E	13C + 1E
C1001	Engineering-Procurement-Manufacturing-Testing and Traffic Schedule	+6 W	IFR	1E	13C + 1E
C1002	Progress Report	+2 W	IFR	1E	13C + 1E
C1003	Sub-Vendors and Suppliers List	+6 W	IFR	1E	13C + 1E
C1005	Unpriced Copy of Sub-Orders	+8 W	IFR	1E	13C + 1E
C1007	Preliminary Packing List (As per AWP requirements)	1 M BEFORE DELIVERY	IFR	1E	13C + 1E
C1008	Recommendations for Protection during Transportation	1 M BEFORE DELIVERY	IFR	1E	13C + 1E
C1012	Shipping Documents, Transport Authorization	1 M BEFORE DELIVERY	IFR	1E	13C + 1E

NOTES :

- (1) * Priority document subject to penalization or term of payment
- (2) ISSUE DATE: number of D = Days / W = Weeks / M = Months after purchase order effective date (unless otherwise specified)
- (3) PURPOSE: IFR = Issue for review and comments / IFI = Issue for information
- (4) QUANTITY: per type / TYPE : C = Copy, E = Electronic file, CD = CDROM, OR = Original
- (5) FINAL ISSUE: Document without comments (with document status = 3)

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Doc. No.	Project N°	Unit	Doc. Type	Code	Serial N°	Rev.	Page
	216119C	000	TEN	0910	0001	0	1/62
Exxon Doc. No.	USBT-000-TE-MR-TCN-0001						
Client	ExxonMobil						
Project	BAYTOWN GOLD						
Location	Baytown, Texas						
Unit Info	000-General						

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TECHNICAL NOTES FOR CENTRIFUGAL PUMPS

THIS DOCUMENT IS UNCONTROLLED WHEN REPRODUCED

0	13-Sep-2024	IFQ-Issued for Quotation	Amandeep Singh	Dilip Kumar	Subhrajeet Nandi
A	09-July-2024	IFR-Issued for Review	Amandeep Singh / Pankaj Upadhyay	Dilip Kumar	Subhrajeet Nandi
REV.	DATE	STATUS	WRITTEN BY (NAME & SIGN)	CHECKED BY (NAME & SIGN)	APPROVED BY (NAME & SIGN)
DOCUMENT REVISIONS					