

RFQ NUMBER : 2332501324

REQ No

DATE

REQ TITLE

: 1032502443 Integrity inspection

: 1032502443

DELIVERY LOCATION

CLOSING DATE : 29.05.2025

| SL NO | ITEM CODE | SERVICE ID | DESCRIPTION | QTY | UOM | BRAND/ORIGIN | WARRANTY | UNIT PRICE | TOTAL PRICE |
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| 1 | | ITEM-00001 | ENGINEERING CONSULTANCY AND INSPECTION SERVICES FOR INTEGRITYASSESSMENT OF NATURAL GAS SYSTEM AT "M# STATIONS, DEWA, JEBLI ALI1.#INT RODUCTION1.1. #DEWA IS PLANNING AN INTEGRITY ASSESSMENT OF THE NATURAL GAS (NG)PIPING IN "M" STATION NGPRS & LATERAL PIPELINES FOR T RAIN 21, 22, &BLOCK 20 BASED ON PREVIOUS INTEGRITY INSPECTION RECOMMENDATIONS TOENSURE CONTINUED SAFE AND RELIABLE OPERATION OF THE NG SYSTEMS AND TOCOMPLY WITH LOCAL STATUTORY REQUIREMENTS.1.2. #DEWA IS PROPOSING TO APPOINT A QUALIFIED CONSULTANT WITH THEREQUIRED ACCREDITATIONS TO CARRY OUT THE INTEGRITY ASSESSMENT. ALL TYPESOF NDE INSPECTIONS AS REQUIRED TO ASSESS THE INTEGRITY OF THE EXISTI NGNG SYSTEMS SHOULD BE INCLUDED IN THE SCOPE OF CONSULTANCY CONTRACT. THEBIDDERS SHALL HAVE SUFFICIENT PREVIOUS | 1 | AU | | | | |



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| | | | SIMILAR KINDSOF INTEGRITY ASSESSMENT, | | | | | | |
| | | | INSPECTION, AND ANALYSIS PROJECT.1.3. #THE | | | | | | |
| | | | PROPOSED INTEGRITY ASSESSMENT SHALL | | | | | | |
| | | | FOLLOW EIAC-RQ- | | | | | | |
| | | | IB-004,ASME B31.1, B31.8S, API 570, API 571, API RP | | | | | | |
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| | | | INTEGRITYASSESSMENT. THE COMPLETE SYSTEM | | | | | | |
| | | | SHALL BE ANALYZED FOR ALL 'THREATS' | | | | | | |
| | | | ASMENTIONED IN ASME B31.8S/API 571, API | | | | | | |
| | | | 580/581. A COMP | | | | | | |
| | | | REHENSIVE RISKASSESSMENT SHALL BE MADE | | | | | | |
| | | | AFTER IDENTIFYING POTENTIAL IMPACT ON NG | | | | | | |
| | | | SYSTEMBY THE THREATS FOLLOWED BY AN | | | | | | |
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| | | | MENT PLAN (IMP)/INSPECTION TEST PLAN (ITP), | | | | | | |
| | | | INSPECTION AND RISK MITIGATION | | | | | | |
| | | | ANDRE-EVALUATION AS NECESSARY. FINALLY | | | | | | |
| | | | BASED ON THE INTEG | | | | | | |
| | | | RITY LEVEL OF THENG SYSTEM, IMP SHALL BE | | | | | | |
| | | | REVISED FOR FUTURE MANAGEMENT OF NG | | | | | | |
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| | | | (FFS) REPORT IN | | | | | | |
| | | | LINE WITH STATUTORYREQUIREMENTS. WHILE | | | | | | |
| | | | PREPARING FOR THE IMP'S OR ITP'S THE | | | | | | |
| | | | CONSULTANTSHALL CONSIDER OUR PRESENT | | | | | | |
| | | | PIPELINE MAINTENANC | | | | | | |
| | | | E PRACTICES, INSPECTIONREGIME AND | | | | | | |
| | | | OBJECTIVES. ANY IDENTIFIED GAPS IN THE | | | | | | |
| | | | EXISTING SYSTEM SHALLBE NOTIFIED TO DEWA | | | | | | |
| | | | WITH NECESSARY COR | | | | | | |
| | | | RECTIVE MEASURES FOR FURTHER | | | | | | |
| | | | IMPROVEMENTS.2.#SCOPE OF WORKTHE SCOPE | | | | | | |
| | | | OF CONSULTANCY AND INSPECTION SERVICES IS | | | | | | |
| | | | TO DEVELOP ANDIMPLEMEN | | | | | | |
| | | | T AN EFFECTIVE INTEGRITY MANAGEMENT | | | | | | |
| | | | PROGRAM BASED ON PROVENINDUSTRY | | | | | | |
| | | | PRACTICES AND PROCESSES IN LINE WITH | | | | | | |
| | | | EIAC-RQ-IB-004, ASMEB31.1, | | | | | | |
| | | | B31.8S, API 570, API 571, API RP 574, API 579, API | | | | | | |
| | | | 580, API 581, API 1163, NACE ETC. AS APPLICABLE | | | | | | |
| | | | FOR MANAGING THE INTEGRITY OF THE | | | | | | |
| | | | FORFUEL GAS (NG) SYSTEM OF M STATIONS AT | | | | | | |
| | | | JEBEL ALI POWER STATION INCLUDINGALL | | | | | | |
| | | | INSPECTION SERVICES NECESSARY TO ASSESS | | | | | | |



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| | | | THE INTEGRITY | | | | | | |
| | | | ANALYSIS OFTHE PIPING AS LISTED BELOW;TABLE | | | | | | |
| | | | - 1LOCATION#SCOPETRAIN 21#- GTPRS OUTLET | | | | | | |
| | | | PIPELINE 21EKG50-BR001-DN350 MM - 02 | | | | | | |
| | | | LOCATIONS- | | | | | | |
| | | | WBH OUTLET TO HRSG PRS PIPELINE | | | | | | |
| | | | 21EKG92-BR002-DN200MM - 30 LOCATIONS- FISCAL | | | | | | |
| | | | METERING SKID TO GAS COMPRESSOR PIPELINE | | | | | | |
| | | | 21EKG30-BR001 | | | | | | |
| | | | -DN400MM- 16 LOCATIONSTRAIN 22#- GTPRS | | | | | | |
| | | | OUTLET PIPELINE 22EKG50-BR001-DN350 MM - 01 | | | | | | |
| | | | LOCATION- GTPRS OUTLET PIPELINE TO FINAL METERING | | | | | | |
| | | | SKID - 22EKG60-BR001-DN250MM -01 LOCATION- | | | | | | |
| | | | WBH OUTLET TO HRSG PRS PIPELINE | | | | | | |
| | | | 22EKG92-BR002-DN200MM - 42 LOCATIONS- FISCAL | | | | | | |
| | | | METERING SK | | | | | | |
| | | | ID TO GAS COMPRESSOR PIPELINE | | | | | | |
| | | | 22EKG30-BR001-DN400MM- 21 LOCATIONS- | | | | | | |
| | | | COMMON NG HEADER TO ESD SKID PIPELINE | | | | | | |
| | | | 22EKG10-BR001-DN450 - 06LOC | | | | | | |
| | | | ATIONS- ESD SKID TO MAIN FILTER PIPELINE | | | | | | |
| | | | 22EKG13-BR001-DN450 - 05 LOCATIONS- MAIN | | | | | | |



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| | | | FILTER TO CONDENSATE TANK PIPELINE | | | | | | |
| | | | 22EKR80-BR001-D | | | | | | |
| | | | N50 - 25LOCATIONS- FISCAL METERING SKID A | | | | | | |
| | | | PIPELINE 22EKG17-BR001-DN300 - 02 LOCATIONS- | | | | | | |
| | | | FISCAL METERING SKID B PIPELINE 22EKG18-BR001 | | | | | | |
| | | | -DN300 - 05 LOCATIONS- FINAL CHANCE FILTER | | | | | | |
| | | | SKID A PIPELINE 22EKG71-BR002-DN250 - 02 | | | | | | |
| | | | LOCATIONS- FINAL CHANCE FILTER SKID B | | | | | | |
| | | | PIPELINE 2 | | | | | | |
| | | | 2EKG72-BR002-DN250 - 02 LOCATIONS- FINAL | | | | | | |
| | | | METERING SKID TO FINAL CHANCE FILTER | | | | | | |
| | | | PIPELINE22EKG70-BR002-DN250 - 05 LOCATIONS- | | | | | | |
| | | | FINAL CHAN | | | | | | |
| | | | CE FILTER A DRAIN LINE 22EKG71-BR003-DN25 - 06 | | | | | | |
| | | | LOCATIONS- FINAL CHANCE FILTER B DRAIN LINE | | | | | | |
| | | | 22EKG72-BR003-DN25 - 08 LOCATIONS- FINAL | | | | | | |
| | | | CHANCE FILTER B DRAIN LINE | | | | | | |
| | | | 22EKG72-BR004-DN25 - 06 LOCATIONS- FINAL | | | | | | |
| | | | CHANCE TO CONDENSATE TANK PIPELINE | | | | | | |
| | | | 22EKR84-BR001-DN25 - 06LOCATI | | | | | | |
| | | | ONS- FISCAL METERING SKID A VENT LINE | | | | | | |
| | | | 22EKG71-BR006-DN25 - 04 LOCATIONSBLOCK 20#- | | | | | | |
| | | | 20EKG100-BR001-DN400 # HP BUFFER | | | | | | |



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| | | | INTERCONNECTION2. | | | | | | |
| | | | 1. #PRELIMINARY CONDITION | | | | | | |
| | | | ASSESSMENT:2.1.1.#COLLECT DESIGN AND | | | | | | |
| | | | OPERATIONAL DATA TO ASSESS CURRENT | | | | | | |
| | | | CONDITIONOF THE NG SYSTEM. IDENTIF | | | | | | |
| | | | Y ALL CRITICAL COMPONENTS AND AREAS. DEWA | | | | | | |
| | | | WILLPROVIDE ALL REQUIRED INFORMATION AS | | | | | | |
| | | | FAR AS IT IS AVAILABLE. CONSULTANTSNEED TO | | | | | | |
| | | | MAKE RE | | | | | | |
| | | | ASONABLE JUDGMENTS FOR THEIR STUDY | | | | | | |
| | | | WHEREVER DEWA CANNOTPROVIDE THE | | | | | | |
| | | | REQUIRED DETAILS IN LINE WITH RELEVANT | | | | | | |
| | | | INTERNATIONALSTANDARDS AND | | | | | | |
| | | | APPLICABLE GUIDELINES.2.1.2.#CONDUCT RISK | | | | | | |
| | | | ASSESSMENT AS PER API 580/581, FOR ALL THE | | | | | | |
| | | | THREATSIDENTIFIED AS PER ASME B31.8S / API RP | | | | | | |
| | | | 571 AND RISK ANALYSIS AS PERREGULATORY / | | | | | | |
| | | | STATUTORY REQUIREMENTS. HIGH | | | | | | |
| | | | CONSEQUENCE AREA AND CORROSIONMAPPING | | | | | | |
| | | | SHALL BE DONE. RISK ANAL | | | | | | |
| | | | YSIS SHALL BE DONE FOR IDENTIFYING | | | | | | |
| | | | THEFOLLOWING:2.1.2.1.#SUSCEPTIBLE DAMAGE | | | | | | |
| | | | MECHANISMS & ASSOCIATED RISK | | | | | | |



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| | | | (DF)2.1.2.2.#PROBABILITY OF | | | | | | |
| | | | FAILURE VALUE (POF)2.1.2.3.#CONSEQUENCE OF | | | | | | |
| | | | FAILURE (COF)2.1.2.4.#RESULTANT | | | | | | |
| | | | RISK2.1.3.#DEVELOP A PRELIMINARY INTEGRITY | | | | | | |
| | | | MANAGEMENT PL | | | | | | |
| | | | AN (IMP) ANDINSPECTION TEST PLAN | | | | | | |
| | | | (ITP)2.1.4.#PREPARE PLANS & PROCEDURES TO | | | | | | |
| | | | CARRY OUT THE ITP.2.1.5.#IMPLEMENTATION OF | | | | | | |
| | | | IMP AND ITP AF | | | | | | |
| | | | TER REVIEW AND APPROVAL BY | | | | | | |
| | | | DEWA.2.1.6.#INTEGRITY INSPECTION SHALL BE | | | | | | |
| | | | DONE BY EIAC, APPROVED | | | | | | |
| | | | THIRDPARTY.2.1.7.#INTEGRITY INSPECTION A | | | | | | |
| | | | ND NDE SHALL BE DONE BY THE | | | | | | |
| | | | SAMECONTRACTOR.2.1.8.#INSPECTION | | | | | | |
| | | | COMPONENTS INCLUDE ALL PIPING AND FITTINGS | | | | | | |
| | | | (BENDS,NOZZLES, NIPPLES, TEE | | | | | | |
| | | | S, REDUCERS, ETC.) EQUIPMENT, WELDING | | | | | | |
| | | | JOINTS, SUPPORTS ETC. IRRESPECTIVE OF THEIR | | | | | | |
| | | | SIZES AS MENTIONED IN THE ABOVETABLE - | | | | | | |
| | | | 12.1.9.#THE | | | | | | |
| | | | MAIN OBJECTIVE IS TO CERTIFY THE PRESSURE | | | | | | |
| | | | BOUNDARIES AREFREE FROM FLAWS OR TO | | | | | | |



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| | | | REPORT ACTUAL CONDITION OF THE PIPING | | | | | | |
| | | | INCLUDINGREMEDI | | | | | | |
| | | | AL ACTION REQUIRED TO CERTIFY THE DEFECT AS | | | | | | |
| | | | PER THE LOCALREGULATION#S REQUIREMENT & | | | | | | |
| | | | INTERNATIONAL STANDARD.2.1.10.#THE INTEGRITY | | | | | | |
| | | | INS | | | | | | |
| | | | PECTION AND NDE INSPECTION SHALL BE DONE | | | | | | |
| | | | BYEIAC CERTIFIED THIRD PARTY | | | | | | |
| | | | ONLY.2.1.11.#DURING INTEGRITY INSPECTION THE | | | | | | |
| | | | | | | | | | |
| | | | IES SHALL BEPERFORMED2.2. #DESKTOP STUDY | | | | | | |
| | | | AND ITP PREPARATION:2.2.1.#IDENTIFICATION OF | | | | | | |
| | | | ALL THE COMPONENTS AND AREAS ON THE PIPING | | | | | | |
| | | | | | | | | | |
| | | | MENTIONED IN THE ABOVE | | | | | | |
| | | | TABLE-12.2.2.#COLLECTION OF ORIGINAL DATA | | | | | | |
| | | | REGARDING ORIGINAL DESIGN AN | | | | | | |
| | | | DCONSTRUCTION DOCUMENTS, THE MATERIAL OF | | | | | | |
| | | | CONSTRUCTION, SERVICE HISTORYAND THE | | | | | | |
| | | | PROCESS CONDITIONS. DEWA WILL PROVIDE THE | | | | | | |
| | | | REQUIRED DAT | | | | | | |
| | | | A UPONREQUEST.2.2.3.#PREPARE INSPECTION | | | | | | |



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| | | | AND TEST PLAN (ITP) TO COLLECT NDE DATA | | | | | | |
| | | | ONPRESENT CONDITION OF THE ASSETS | | | | | | |
| | | | MENTIONED IN SCOPE | | | | | | |
| | | | OF WORK.2.2.4.#ITP SHALL HAVE NECESSARY | | | | | | |
| | | | INSPECTION-RELATED INFORMATIONDETAILING | | | | | | |
| | | | FOR ALL THE COMPONENTS LIKE COMPONENT | | | | | | |
| | | | NAME / AREA, | | | | | | |
| | | | ITSDIMENSIONS/SIZE, MATERIAL OF | | | | | | |
| | | | | | | | | | |
| | | | DAMAGEMECHANISM LOOKING FOR, INSPECTION TECHNIQUE TO BE USED WITH | | | | | | |
| | | | OUT ANYEXCEPTION AND ANY SPECIAL | | | | | | |
| | | | REQUIREMENT.2.2.5.#A MARKUP DRAWING SHALL | | | | | | |
| | | | BE PREPARED SHOWING ALL THE | | | | | | |
| | | | CMLLOCATIONS.2.2.6.# A UNIQUE | | | | | | |
| | | | IDENTIFICATION NUMBER MUST BE DEVELOPED | | | | | | |
| | | | FOR ALL CMLS.A COPY OF EXISTING ISOMETRIC | | | | | | |
| | | | DRAWINGS SHALL BE USED TO MARK CML | | | | | | |
| | | | POINTS.IF ISOM | | | | | | |
| | | | ETRIC DRAWINGS ARE NOT AVAILABLE, ISOMETRIC | | | | | | |
| | | | DRAWING SHALL BEPREPARED FOR CML MARKING | | | | | | |
| | | | BY THE CONTRACTOR (IT SHALL BE PROPER | | | | | | |
| | | | DRAWING,H | | | | | | |



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| | | | AND SKETCH NOT ACCEPTABLE).2.2.7.#DETERMINE | | | | | | |
| | | | CRITICAL COMPONENTS IN THE UNIT FOR | | | | | | |
| | | | DESTRUCTIVE &NON-DESTRUCTIVE | | | | | | |
| | | | TESTS.2.2.8.#REVIEWING | | | | | | |
| | | | CONSTRUCTION CERTIFICATE, DRAWINGS, AND | | | | | | |
| | | | CONSTRUCTIONINSPECTION | | | | | | |
| | | | RECORDS.2.2.9.#REVIEWING REPAIRS AND/OR | | | | | | |
| | | | ALTERATIONS CARRIED OUT SO FA | | | | | | |
| | | | R ANDREVIEW OF THOSE RECORDS INCLUDING | | | | | | |
| | | | PAST PERIODIC INSPECTION | | | | | | |
| | | | RECORDS.2.2.10.#SUBMIT FAILURE MECHANISM & | | | | | | |
| | | | TEST METHODOLOGIES FOR DE | | | | | | |
| | | | WA FORAPPROVAL PRIOR TO IMPLEMENT ACTION | | | | | | |
| | | | OF THE INSPECTION/TEST PLAN FOR ALLTHE | | | | | | |
| | | | EQUIPMENT.2.2.11.#SUBMISSION OF FINAL ITP TO | | | | | | |
| | | | | | | | | | |
| | | | R FINAL REVIEW.2.3. #VISUAL | | | | | | |
| | | | INSPECTION:2.3.1.#AFTER COMPLETION OF THE | | | | | | |
| | | | | | | | | | |
| | | | THESCAFFOLDING, 100 % VISUAL INS | | | | | | |
| | | | PECTION OF THE NG PIPELINES AND | | | | | | |
| | | | | | | | | | |
| | | | THIRD PARTY INSPECTOR.2.3.2.#THE THIRD-PARTY | | | | | | |



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| | | | INSPECTOR MUST HAVE A VALID ASME INSPECTORCERTIFICATE.2.3.3.#ALL THE CONTROL MEASURES MENTIONED IN THE RISK ASSESSMENT SHALLBE STRICTLY FOLLOWED.2. 3.4.#VISUAL INSP | | | | | | |
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MATERIAL AND OR SERVICE PROVIDED TO DEWA SHOULD PREFERABLY BE ENERGY EFFICIENT AND ENVIRONMENT FRIENDLY.



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| | | | SCOPE OF CONSULTANCY CONTRACT. | | | | | | |
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| | | | RITY LEVEL OF THENG SYSTEM, IMP SHALL BE | | | | | | |
| | | | REVISED FOR FUTURE MANAGEMENT OF NG | | | | | | |
| | | | SYSTEMSTOGETHER WITH A FIT FOR SERVICE | | | | | | |
| | | | (FFS) REPORT IN | | | | | | |
| | | | LINE WITH STATUTORYREQUIREMENTS. WHILE | | | | | | |
| | | | PREPARING FOR THE IMP'S OR ITP'S THE | | | | | | |
| | | | CONSULTANTSHALL CONSIDER OUR PRESENT | | | | | | |
| | | | PIPELINE MAINTENANC | | | | | | |
| | | | E PRACTICES, INSPECTIONREGIME AND | | | | | | |
| | | | OBJECTIVES. ANY IDENTIFIED GAPS IN THE | | | | | | |
| | | | EXISTING SYSTEM SHALLBE NOTIFIED TO DEWA | | | | | | |
| | | | WITH NECESSARY COR | | | | | | |
| | | | RECTIVE MEASURES FOR FURTHER | | | | | | |
| | | | IMPROVEMENTS.2.#SCOPE OF WORKTHE SCOPE | | | | | | |
| | | | OF CONSULTANCY AND INSPECTION SERVICES IS | | | | | | |
| | | | | | | | | | |
| | | | T AN EFFECTIVE INTEGRITY MANAGEMENT | | | | | | |
| | | | PROGRAM BASED ON PROVENINDUSTRY | | | | | | |
| | | | PRACTICES AND PROCESSES IN LINE WITH | | | | | | |
| | | | EIAC-RQ-IB-004, ASMEB31.1, | | | | | | |



RFQ NUMBER : 2332501324

: 1032502443

: 1032502443 Integrity inspection

REQ No

DATE

REQ TITLE

DELIVERY LOCATION

CLOSING DATE : 29.05.2025

| SL NO | ITEM CODE | SERVICE ID | DESCRIPTION | QTY | UOM | BRAND/ORIGIN | WARRANTY | UNIT PRICE | TOTAL PRICE |
|-------|-----------|------------|---|-----|-----|--------------|----------|------------|----------------|
| | | | B31.8S, API 570, API 571, API RP 574, API 579, API 580, API 581, API 1163, NACE ETC. AS APPLICABLE FOR MANAGING THE INTEGRITY OF THE FORFUEL GAS (NG) SYSTEM OF M STATIONS AT JEBEL ALI POWER STATION INCLUDINGALL INSPECTION SERVICES NECESSARY TO ASSESS THE INTEGRITY ANALYSIS OFTHE PIPING AS LISTED BELOW;TABLE - 1LOCATION#SCOPETRAIN 21#- GTPRS OUTLET PIPELINE 21EKG50-BR001-DN350 MM - 02 LOCATIONS- WBH OUTLET TO HRSG PRS PIPELINE 21EKG92-BR002-DN200MM - 30 LOCATIONS- FISCAL METERING SKID TO GAS COMPRESSOR PIPELINE 21EKG30-BR001 -DN400MM- 16 LOCATIONSTRAIN 22#- GTPRS OUTLET PIPELINE 22EKG50-BR001-DN350 MM - 01 LOCATION- GTPRS OUTLET PIPELINE TO FINAL METERING SKID - 22EKG60-BR001-DN250MM -01 LOCATION- WBH OUTLET TO HRSG PRS PIPELINE | | | | | | PRICE |
| | | | METERING SK | | | | | | |



RFQ NUMBER : 2332501324

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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | ID TO GAS COMPRESSOR PIPELINE | | | | | | |
| | | | 22EKG30-BR001-DN400MM- 21 LOCATIONS- | | | | | | |
| | | | COMMON NG HEADER TO ESD SKID PIPELINE | | | | | | |
| | | | 22EKG10-BR001-DN450 - 06LOC | | | | | | |
| | | | ATIONS- ESD SKID TO MAIN FILTER PIPELINE | | | | | | |
| | | | 22EKG13-BR001-DN450 - 05 LOCATIONS- MAIN | | | | | | |
| | | | FILTER TO CONDENSATE TANK PIPELINE | | | | | | |
| | | | 22EKR80-BR001-D | | | | | | |
| | | | N50 - 25LOCATIONS- FISCAL METERING SKID A | | | | | | |
| | | | PIPELINE 22EKG17-BR001-DN300 - 02 LOCATIONS- | | | | | | |
| | | | FISCAL METERING SKID B PIPELINE 22EKG18-BR001 | | | | | | |
| | | | -DN300 - 05 LOCATIONS- FINAL CHANCE FILTER | | | | | | |
| | | | SKID A PIPELINE 22EKG71-BR002-DN250 - 02 | | | | | | |
| | | | LOCATIONS- FINAL CHANCE FILTER SKID B | | | | | | |
| | | | PIPELINE 2 | | | | | | |
| | | | 2EKG72-BR002-DN250 - 02 LOCATIONS- FINAL | | | | | | |
| | | | METERING SKID TO FINAL CHANCE FILTER | | | | | | |
| | | | PIPELINE22EKG70-BR002-DN250 - 05 LOCATIONS- | | | | | | |
| | | | FINAL CHAN | | | | | | |
| | | | CE FILTER A DRAIN LINE 22EKG71-BR003-DN25 - 06 | | | | | | |
| | | | LOCATIONS- FINAL CHANCE FILTER B DRAIN LINE | | | | | | |
| | | | 22EKG72-BR003-DN25 - 08 LOCATIONS- FINAL | | | | | | |
| | | | CHANCE FILTER B DRAIN LINE | | | | | | |



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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | 22EKG72-BR004-DN25 - 06 LOCATIONS- FINAL | | | | | | |
| | | | CHANCE TO CONDENSATE TANK PIPELINE | | | | | | |
| | | | 22EKR84-BR001-DN25 - 06LOCATI | | | | | | |
| | | | ONS- FISCAL METERING SKID A VENT LINE | | | | | | |
| | | | 22EKG71-BR006-DN25 - 04 LOCATIONSBLOCK 20#- | | | | | | |
| | | | 20EKG100-BR001-DN400 # HP BUFFER | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | ASSESSMENT:2.1.1.#COLLECT DESIGN AND OPERATIONAL DATA TO ASSESS CURRENT | | | | | | |
| | | | CONDITIONOF THE NG SYSTEM. IDENTIF | | | | | | |
| | | | Y ALL CRITICAL COMPONENTS AND AREAS. DEWA | | | | | | |
| | | | WILLPROVIDE ALL REQUIRED INFORMATION AS | | | | | | |
| | | | FAR AS IT IS AVAILABLE. CONSULTANTSNEED TO | | | | | | |
| | | | MAKE RE | | | | | | |
| | | | ASONABLE JUDGMENTS FOR THEIR STUDY | | | | | | |
| | | | WHEREVER DEWA CANNOTPROVIDE THE | | | | | | |
| | | | REQUIRED DETAILS IN LINE WITH RELEVANT | | | | | | |
| | | | INTERNATIONALSTANDARDS AND | | | | | | |
| | | | APPLICABLE GUIDELINES.2.1.2.#CONDUCT RISK | | | | | | |
| | | | ASSESSMENT AS PER API 580/581, FOR ALL THE | | | | | | |
| | | | THREATSIDENTIFIED AS PER ASME B31.8S / API RP | | | | | | |
| | | | 571 AND RISK ANALYSIS AS PERREGULATORY / | | | | | | |



RFQ NUMBER : 2332501324

REQ No

DATE

REQ TITLE

: 1032502443 Integrity inspection

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DELIVERY LOCATION

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| SL NO | ITEM CODE | SERVICE ID | DESCRIPTION | QTY | UOM | BRAND/ORIGIN | WARRANTY | UNIT PRICE | TOTAL PRICE |
|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | STATUTORY REQUIREMENTS. HIGH | | | | | | |
| | | | CONSEQUENCE AREA AND CORROSIONMAPPING | | | | | | |
| | | | SHALL BE DONE. RISK ANAL | | | | | | |
| | | | | | | | | | |
| | | | THEFOLLOWING:2.1.2.1.#SUSCEPTIBLE DAMAGE MECHANISMS & ASSOCIATED RISK | | | | | | |
| | | | (DF)2.1.2.2.#PROBABILITY OF | | | | | | |
| | | | FAILURE VALUE (POF)2.1.2.3.#CONSEQUENCE OF | | | | | | |
| | | | FAILURE (COF)2.1.2.4.#RESULTANT | | | | | | |
| | | | RISK2.1.3.#DEVELOP A PRELIMINARY INTEGRITY | | | | | | |
| | | | MANAGEMENT PL | | | | | | |
| | | | AN (IMP) ANDINSPECTION TEST PLAN | | | | | | |
| | | | (ITP)2.1.4.#PREPARE PLANS & PROCEDURES TO | | | | | | |
| | | | CARRY OUT THE ITP.2.1.5.#IMPLEMENTATION OF | | | | | | |
| | | | IMP AND ITP AF | | | | | | |
| | | | TER REVIEW AND APPROVAL BY | | | | | | |
| | | | DEWA.2.1.6.#INTEGRITY INSPECTION SHALL BE | | | | | | |
| | | | DONE BY EIAC, APPROVED | | | | | | |
| | | | THIRDPARTY.2.1.7.#INTEGRITY INSPECTION A | | | | | | |
| | | | ND NDE SHALL BE DONE BY THE | | | | | | |
| | | | SAMECONTRACTOR.2.1.8.#INSPECTION | | | | | | |
| | | | COMPONENTS INCLUDE ALL PIPING AND FITTINGS | | | | | | |
| | | | (BENDS,NOZZLES, NIPPLES, TEE | | | | | | |



RFQ NUMBER : 2332501324

REQ No

DATE

REQ TITLE

: 1032502443 : 1032502443 Integrity inspection

DELIVERY LOCATION

CLOSING DATE : 29.05.2025

| SL NO | ITEM CODE | SERVICE ID | DESCRIPTION | QTY | UOM | BRAND/ORIGIN | WARRANTY | UNIT PRICE | TOTAL PRICE |
|-------|-----------|------------|---|-----|-----|--------------|----------|------------|----------------|
| | | | S, REDUCERS, ETC.) EQUIPMENT, WELDING JOINTS,SUPPORTS ETC. IRRESPECTIVE OF THEIR | | | | | | |
| | | | SIZES AS MENTIONED IN THE ABOVETABLE - | | | | | | |
| | | | | | | | | | |
| | | | MAIN OBJECTIVE IS TO CERTIFY THE PRESSURE BOUNDARIES AREFREE FROM FLAWS OR TO | | | | | | |
| | | | REPORT ACTUAL CONDITION OF THE PIPING | | | | | | |
| | | | INCLUDINGREMEDI | | | | | | |
| | | | AL ACTION REQUIRED TO CERTIFY THE DEFECT AS | | | | | | |
| | | | PER THE LOCALREGULATION#S REQUIREMENT & | | | | | | |
| | | | INTERNATIONAL STANDARD.2.1.10.#THE INTEGRITY | | | | | | |
| | | | INS | | | | | | |
| | | | PECTION AND NDE INSPECTION SHALL BE DONE BYEIAC CERTIFIED THIRD PARTY | | | | | | |
| | | | ONLY.2.1.11.#DURING INTEGRITY INSPECTION THE | | | | | | |
| | | | FOLLOWING ACTIVIT | | | | | | |
| | | | IES SHALL BEPERFORMED2.2. #DESKTOP STUDY | | | | | | |
| | | | AND ITP PREPARATION:2.2.1.#IDENTIFICATION OF | | | | | | |
| | | | ALL THE COMPONENTS AND AREAS ON THE PIPING | | | | | | |
| | | | &EQ | | | | | | |
| | | | UIPMENT REQUIRED FOR INTEGRITY TEST AS | | | | | | |
| | | | MENTIONED IN THE ABOVE | | | | | | |
| | | | TABLE-12.2.2.#COLLECTION OF ORIGINAL DATA | | | | | | |



RFQ NUMBER : 2332501324

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| SL NO | ITEM CODE | SERVICE ID | DESCRIPTION | QTY | UOM | BRAND/ORIGIN | WARRANTY | UNIT PRICE | TOTAL PRICE |
|-------|-----------|------------|---|-----|-----|--------------|----------|------------|----------------|
| | | | REGARDING ORIGINAL DESIGN AN | | | | | | |
| | | | DCONSTRUCTION DOCUMENTS, THE MATERIAL OF | | | | | | |
| | | | CONSTRUCTION, SERVICE HISTORYAND THE | | | | | | |
| | | | PROCESS CONDITIONS. DEWA WILL PROVIDE THE | | | | | | |
| | | | REQUIRED DAT | | | | | | |
| | | | A UPONREQUEST.2.2.3.#PREPARE INSPECTION | | | | | | |
| | | | AND TEST PLAN (ITP) TO COLLECT NDE DATA | | | | | | |
| | | | ONPRESENT CONDITION OF THE ASSETS | | | | | | |
| | | | MENTIONED IN SCOPE | | | | | | |
| | | | OF WORK.2.2.4.#ITP SHALL HAVE NECESSARY | | | | | | |
| | | | INSPECTION-RELATED INFORMATIONDETAILING | | | | | | |
| | | | FOR ALL THE COMPONENTS LIKE COMPONENT | | | | | | |
| | | | NAME / AREA, | | | | | | |
| | | | ITSDIMENSIONS/SIZE, MATERIAL OF | | | | | | |
| | | | CONSTRUCTION, OPERATING PARAMETER, | | | | | | |
| | | | DAMAGEMECHANISM LOOKING FOR, INSPECTION | | | | | | |
| | | | TECHNIQUE TO BE USED WITH | | | | | | |
| | | | OUT ANYEXCEPTION AND ANY SPECIAL | | | | | | |
| | | | REQUIREMENT.2.2.5.#A MARKUP DRAWING SHALL | | | | | | |
| | | | BE PREPARED SHOWING ALL THE | | | | | | |
| | | | CMLLOCATIONS.2.2.6.# A UNIQUE | | | | | | |
| | | | IDENTIFICATION NUMBER MUST BE DEVELOPED | | | | | | |
| | | | FOR ALL CMLS.A COPY OF EXISTING ISOMETRIC | | | | | | |



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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | DRAWINGS SHALL BE USED TO MARK CML | | | | | | |
| | | | POINTS.IF ISOM | | | | | | |
| | | | ETRIC DRAWINGS ARE NOT AVAILABLE, ISOMETRIC | | | | | | |
| | | | DRAWING SHALL BEPREPARED FOR CML MARKING | | | | | | |
| | | | BY THE CONTRACTOR (IT SHALL BE PROPER | | | | | | |
| | | | DRAWING,H | | | | | | |
| | | | AND SKETCH NOT ACCEPTABLE).2.2.7.#DETERMINE | | | | | | |
| | | | CRITICAL COMPONENTS IN THE UNIT FOR | | | | | | |
| | | | DESTRUCTIVE &NON-DESTRUCTIVE | | | | | | |
| | | | TESTS.2.2.8.#REVIEWING | | | | | | |
| | | | CONSTRUCTION CERTIFICATE, DRAWINGS, AND | | | | | | |
| | | | CONSTRUCTIONINSPECTION | | | | | | |
| | | | RECORDS.2.2.9.#REVIEWING REPAIRS AND/OR | | | | | | |
| | | | ALTERATIONS CARRIED OUT SO FA | | | | | | |
| | | | R ANDREVIEW OF THOSE RECORDS INCLUDING | | | | | | |
| | | | PAST PERIODIC INSPECTION | | | | | | |
| | | | RECORDS.2.2.10.#SUBMIT FAILURE MECHANISM & | | | | | | |
| | | | TEST METHODOLOGIES FOR DE | | | | | | |
| | | | WA FORAPPROVAL PRIOR TO IMPLEMENT ACTION | | | | | | |
| | | | OF THE INSPECTION/TEST PLAN FOR ALLTHE | | | | | | |
| | | | EQUIPMENT.2.2.11.#SUBMISSION OF FINAL ITP TO | | | | | | |
| | | | DEWA FO | | | | | | |
| | | | R FINAL REVIEW.2.3. #VISUAL | | | | | | |



RFQ NUMBER : 2332501324

REQ No

DATE

REQ TITLE

: 1032502443 : 1032502443 Integrity inspection

DELIVERY LOCATION

CLOSING DATE : 29.05.2025

CLOSING TIME : 10:00:00

| SL NO | ITEM CODE | SERVICE ID | DESCRIPTION | QTY | UOM | BRAND/ORIGIN | WARRANTY | UNIT PRICE | TOTAL PRICE |
|-------|-----------|------------|---|-----|-----|--------------|----------|------------|----------------|
| | | | INSPECTION:2.3.1.#AFTER COMPLETION OF THE ERECTION AND CERTIFICATION OF THESCAFFOLDING, 100 % VISUAL INS PECTION OF THE NG PIPELINES AND EQUIPMENTSHALL BE DONE BY EIAC APPROVED THIRD PARTY INSPECTOR.2.3.2.#THE THIRD-PARTY INSPECTOR MUST HAVE A VALID ASME INSPECTORCERTIFICATE.2.3.3.#ALL THE CONTROL MEASURES MENTIONED IN THE RISK ASSESSMENT SHALLBE STRICTLY FOLLOWED.2. 3.4.#VISUAL INSP | | | | | | |
| 3 | | ITEM-00001 | ENGINEERING CONSULTANCY AND INSPECTION SERVICES FOR INTEGRITYASSESSMENT OF NATURAL GAS SYSTEM AT "M# STATIONS, DEWA, JEBLI ALI1.#INT RODUCTION1.1. #DEWA IS PLANNING AN INTEGRITY ASSESSMENT OF THE NATURAL GAS (NG)PIPING IN "M" STATION NGPRS & LATERAL PIPELINES FOR T RAIN 21, 22, &BLOCK 20 BASED ON PREVIOUS INTEGRITY INSPECTION RECOMMENDATIONS TOENSURE CONTINUED SAFE AND RELIABLE | 1 | AU | | | | |

MATERIAL AND OR SERVICE PROVIDED TO DEWA SHOULD PREFERABLY BE ENERGY EFFICIENT AND ENVIRONMENT FRIENDLY.



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|-------|-----------|------------|---|-----|-----|--------------|----------|------------|----------------|
| | | | OPERATION OF THE | | | | | | |
| | | | NG SYSTEMS AND TOCOMPLY WITH LOCAL | | | | | | |
| | | | STATUTORY REQUIREMENTS.1.2. #DEWA IS | | | | | | |
| | | | PROPOSING TO APPOINT A QUALIFIED | | | | | | |
| | | | CONSULTANT WITH THEREQUIRED | | | | | | |
| | | | ACCREDITATIONS TO CARRY OUT THE INTEGRITY | | | | | | |
| | | | ASSESSMENT. ALL TYPESOF NDE INSPECTIONS AS | | | | | | |
| | | | REQUIRED TO ASSESS THE INTEGRITY OF THE | | | | | | |
| | | | EXISTI | | | | | | |
| | | | NGNG SYSTEMS SHOULD BE INCLUDED IN THE | | | | | | |
| | | | SCOPE OF CONSULTANCY CONTRACT. | | | | | | |
| | | | THEBIDDERS SHALL HAVE SUFFICIENT PREVIOUS | | | | | | |
| | | | EXPERIENCE IN DOING | | | | | | |
| | | | SIMILAR KINDSOF INTEGRITY ASSESSMENT, | | | | | | |
| | | | INSPECTION, AND ANALYSIS PROJECT.1.3. #THE | | | | | | |
| | | | PROPOSED INTEGRITY ASSESSMENT SHALL | | | | | | |
| | | | FOLLOW EIAC-RQ- | | | | | | |
| | | | IB-004,ASME B31.1, B31.8S, API 570, API 571, API RP | | | | | | |
| | | | 574, API 579, API 580, API581, API 1163, NACE ETC., | | | | | | |
| | | | AS APPLICABLE. AS A PART OF | | | | | | |
| | | | INTEGRITYASSESSMENT, THE COMPLETE SYSTEM | | | | | | |
| | | | SHALL BE ANALYZED FOR ALL 'THREATS' | | | | | | |
| | | | ASMENTIONED IN ASME B31.8S/API 571, API | | | | | | |



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|-------|-----------|------------|---|-----|-----|--------------|----------|------------|----------------|
| | | | 580/581. A COMP | | | | | | |
| | | | REHENSIVE RISKASSESSMENT SHALL BE MADE | | | | | | |
| | | | AFTER IDENTIFYING POTENTIAL IMPACT ON NG | | | | | | |
| | | | SYSTEMBY THE THREATS FOLLOWED BY AN | | | | | | |
| | | | INTEGRITY MANAGE | | | | | | |
| | | | MENT PLAN (IMP)/INSPECTION TEST PLAN (ITP), | | | | | | |
| | | | INSPECTION AND RISK MITIGATION | | | | | | |
| | | | ANDRE-EVALUATION AS NECESSARY. FINALLY | | | | | | |
| | | | BASED ON THE INTEG | | | | | | |
| | | | RITY LEVEL OF THENG SYSTEM, IMP SHALL BE | | | | | | |
| | | | REVISED FOR FUTURE MANAGEMENT OF NG | | | | | | |
| | | | SYSTEMSTOGETHER WITH A FIT FOR SERVICE | | | | | | |
| | | | (FFS) REPORT IN | | | | | | |
| | | | LINE WITH STATUTORYREQUIREMENTS. WHILE | | | | | | |
| | | | PREPARING FOR THE IMP'S OR ITP'S THE | | | | | | |
| | | | CONSULTANTSHALL CONSIDER OUR PRESENT | | | | | | |
| | | | PIPELINE MAINTENANC | | | | | | |
| | | | E PRACTICES, INSPECTIONREGIME AND | | | | | | |
| | | | OBJECTIVES. ANY IDENTIFIED GAPS IN THE | | | | | | |
| | | | EXISTING SYSTEM SHALLBE NOTIFIED TO DEWA | | | | | | |
| | | | WITH NECESSARY COR | | | | | | |
| | | | RECTIVE MEASURES FOR FURTHER | | | | | | |
| | | | IMPROVEMENTS.2.#SCOPE OF WORKTHE SCOPE | | | | | | |



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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | OF CONSULTANCY AND INSPECTION SERVICES IS | | | | | | |
| | | | TO DEVELOP ANDIMPLEMEN | | | | | | |
| | | | T AN EFFECTIVE INTEGRITY MANAGEMENT | | | | | | |
| | | | PROGRAM BASED ON PROVENINDUSTRY | | | | | | |
| | | | PRACTICES AND PROCESSES IN LINE WITH | | | | | | |
| | | | EIAC-RQ-IB-004, ASMEB31.1, | | | | | | |
| | | | B31.8S, API 570, API 571, API RP 574, API 579, API | | | | | | |
| | | | 580, API 581, API 1163, NACE ETC. AS APPLICABLE | | | | | | |
| | | | FOR MANAGING THE INTEGRITY OF THE | | | | | | |
| | | | FORFUEL GAS (NG) SYSTEM OF M STATIONS AT | | | | | | |
| | | | JEBEL ALI POWER STATION INCLUDINGALL | | | | | | |
| | | | INSPECTION SERVICES NECESSARY TO ASSESS | | | | | | |
| | | | THE INTEGRITY | | | | | | |
| | | | ANALYSIS OFTHE PIPING AS LISTED BELOW;TABLE | | | | | | |
| | | | - 1LOCATION#SCOPETRAIN 21#- GTPRS OUTLET | | | | | | |
| | | | PIPELINE 21EKG50-BR001-DN350 MM - 02 | | | | | | |
| | | | LOCATIONS- | | | | | | |
| | | | WBH OUTLET TO HRSG PRS PIPELINE | | | | | | |
| | | | 21EKG92-BR002-DN200MM - 30 LOCATIONS- FISCAL | | | | | | |
| | | | METERING SKID TO GAS COMPRESSOR PIPELINE | | | | | | |
| | | | 21EKG30-BR001 | | | | | | |
| | | | -DN400MM- 16 LOCATIONSTRAIN 22#- GTPRS | | | | | | |
| | | | OUTLET PIPELINE 22EKG50-BR001-DN350 MM - 01 | | | | | | |



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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | LOCATION- GTPRS OUTLET PIPELINE TO FINAL | | | | | | |
| | | | METERING | | | | | | |
| | | | SKID - 22EKG60-BR001-DN250MM -01 LOCATION- | | | | | | |
| | | | WBH OUTLET TO HRSG PRS PIPELINE | | | | | | |
| | | | 22EKG92-BR002-DN200MM - 42 LOCATIONS- FISCAL | | | | | | |
| | | | METERING SK | | | | | | |
| | | | ID TO GAS COMPRESSOR PIPELINE | | | | | | |
| | | | 22EKG30-BR001-DN400MM- 21 LOCATIONS- | | | | | | |
| | | | COMMON NG HEADER TO ESD SKID PIPELINE | | | | | | |
| | | | 22EKG10-BR001-DN450 - 06LOC | | | | | | |
| | | | ATIONS- ESD SKID TO MAIN FILTER PIPELINE | | | | | | |
| | | | 22EKG13-BR001-DN450 - 05 LOCATIONS- MAIN | | | | | | |
| | | | FILTER TO CONDENSATE TANK PIPELINE 22EKR80-BR001-D | | | | | | |
| | | | N50 - 25LOCATIONS- FISCAL METERING SKID A | | | | | | |
| | | | PIPELINE 22EKG17-BR001-DN300 - 02 LOCATIONS- | | | | | | |
| | | | FISCAL METERING SKID B PIPELINE 22EKG18-BR001 | | | | | | |
| | | | -DN300 - 05 LOCATIONS- FINAL CHANCE FILTER | | | | | | |
| | | | SKID A PIPELINE 22EKG71-BR002-DN250 - 02 | | | | | | |
| | | | LOCATIONS- FINAL CHANCE FILTER SKID B | | | | | | |
| | | | PIPELINE 2 | | | | | | |
| | | | 2EKG72-BR002-DN250 - 02 LOCATIONS- FINAL | | | | | | |
| | | | METERING SKID TO FINAL CHANCE FILTER | | | | | | |



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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | PIPELINE22EKG70-BR002-DN250 - 05 LOCATIONS- | | | | | | |
| | | | FINAL CHAN | | | | | | |
| | | | CE FILTER A DRAIN LINE 22EKG71-BR003-DN25 - 06 | | | | | | |
| | | | LOCATIONS- FINAL CHANCE FILTER B DRAIN LINE | | | | | | |
| | | | 22EKG72-BR003-DN25 - 08 LOCATIONS- FINAL | | | | | | |
| | | | CHANCE FILTER B DRAIN LINE | | | | | | |
| | | | 22EKG72-BR004-DN25 - 06 LOCATIONS- FINAL | | | | | | |
| | | | CHANCE TO CONDENSATE TANK PIPELINE | | | | | | |
| | | | 22EKR84-BR001-DN25 - 06LOCATI | | | | | | |
| | | | ONS- FISCAL METERING SKID A VENT LINE | | | | | | |
| | | | 22EKG71-BR006-DN25 - 04 LOCATIONSBLOCK 20#- | | | | | | |
| | | | 20EKG100-BR001-DN400 # HP BUFFER | | | | | | |
| | | | INTERCONNECTION2. | | | | | | |
| | | | 1. #PRELIMINARY CONDITION | | | | | | |
| | | | ASSESSMENT:2.1.1.#COLLECT DESIGN AND | | | | | | |
| | | | OPERATIONAL DATA TO ASSESS CURRENT | | | | | | |
| | | | CONDITIONOF THE NG SYSTEM. IDENTIF | | | | | | |
| | | | Y ALL CRITICAL COMPONENTS AND AREAS. DEWA | | | | | | |
| | | | WILLPROVIDE ALL REQUIRED INFORMATION AS | | | | | | |
| | | | FAR AS IT IS AVAILABLE. CONSULTANTSNEED TO | | | | | | |
| | | | MAKE RE | | | | | | |
| | | | ASONABLE JUDGMENTS FOR THEIR STUDY | | | | | | |
| | | | WHEREVER DEWA CANNOTPROVIDE THE | | | | | | |



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|-------|-----------|------------|---|-----|-----|--------------|----------|------------|----------------|
| | | | REQUIRED DETAILS IN LINE WITH RELEVANT | | | | | | |
| | | | INTERNATIONALSTANDARDS AND | | | | | | |
| | | | APPLICABLE GUIDELINES.2.1.2.#CONDUCT RISK | | | | | | |
| | | | ASSESSMENT AS PER API 580/581, FOR ALL THE | | | | | | |
| | | | THREATSIDENTIFIED AS PER ASME B31.8S / API RP | | | | | | |
| | | | 571 AND RISK ANALYSIS AS PERREGULATORY / | | | | | | |
| | | | STATUTORY REQUIREMENTS. HIGH | | | | | | |
| | | | CONSEQUENCE AREA AND CORROSIONMAPPING | | | | | | |
| | | | SHALL BE DONE. RISK ANAL | | | | | | |
| | | | YSIS SHALL BE DONE FOR IDENTIFYING | | | | | | |
| | | | THEFOLLOWING:2.1.2.1.#SUSCEPTIBLE DAMAGE | | | | | | |
| | | | MECHANISMS & ASSOCIATED RISK | | | | | | |
| | | | (DF)2.1.2.2.#PROBABILITY OF | | | | | | |
| | | | FAILURE VALUE (POF)2.1.2.3.#CONSEQUENCE OF | | | | | | |
| | | | FAILURE (COF)2.1.2.4.#RESULTANT | | | | | | |
| | | | RISK2.1.3.#DEVELOP A PRELIMINARY INTEGRITY | | | | | | |
| | | | MANAGEMENT PL | | | | | | |
| | | | AN (IMP) ANDINSPECTION TEST PLAN | | | | | | |
| | | | (ITP)2.1.4.#PREPARE PLANS & PROCEDURES TO | | | | | | |
| | | | CARRY OUT THE ITP.2.1.5.#IMPLEMENTATION OF | | | | | | |
| | | | IMP AND ITP AF | | | | | | |
| | | | TER REVIEW AND APPROVAL BY | | | | | | |
| | | | DEWA.2.1.6.#INTEGRITY INSPECTION SHALL BE | | | | | | |



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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | DONE BY EIAC, APPROVED | | | | | | |
| | | | THIRDPARTY.2.1.7.#INTEGRITY INSPECTION A | | | | | | |
| | | | ND NDE SHALL BE DONE BY THE | | | | | | |
| | | | SAMECONTRACTOR.2.1.8.#INSPECTION | | | | | | |
| | | | COMPONENTS INCLUDE ALL PIPING AND FITTINGS | | | | | | |
| | | | (BENDS,NOZZLES, NIPPLES, TEE | | | | | | |
| | | | S, REDUCERS, ETC.) EQUIPMENT, WELDING | | | | | | |
| | | | JOINTS, SUPPORTS ETC. IRRESPECTIVE OF THEIR | | | | | | |
| | | | SIZES AS MENTIONED IN THE ABOVETABLE - | | | | | | |
| | | | | | | | | | |
| | | | MAIN OBJECTIVE IS TO CERTIFY THE PRESSURE | | | | | | |
| | | | BOUNDARIES AREFREE FROM FLAWS OR TO | | | | | | |
| | | | REPORT ACTUAL CONDITION OF THE PIPING | | | | | | |
| | | | | | | | | | |
| | | | AL ACTION REQUIRED TO CERTIFY THE DEFECT AS | | | | | | |
| | | | PER THE LOCALREGULATION#S REQUIREMENT & | | | | | | |
| | | | INTERNATIONAL STANDARD.2.1.10.#THE INTEGRITY | | | | | | |
| | | | PECTION AND NDE INSPECTION SHALL BE DONE | | | | | | |
| | | | | | | | | | |
| | | | BYEIAC CERTIFIED THIRD PARTY ONLY.2.1.11.#DURING INTEGRITY INSPECTION THE | | | | | | |
| | | | FOLLOWING ACTIVIT | | | | | | |
| | | | | | | | | | |
| | | | IES SHALL BEPERFORMED2.2. #DESKTOP STUDY | | | | | | |



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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | AND ITP PREPARATION:2.2.1.#IDENTIFICATION OF | | | | | | |
| | | | ALL THE COMPONENTS AND AREAS ON THE PIPING | | | | | | |
| | | | | | | | | | |
| | | | MENTIONED IN THE ABOVE | | | | | | |
| | | | TABLE-12.2.2.#COLLECTION OF ORIGINAL DATA | | | | | | |
| | | | REGARDING ORIGINAL DESIGN AN | | | | | | |
| | | | DCONSTRUCTION DOCUMENTS, THE MATERIAL OF | | | | | | |
| | | | CONSTRUCTION, SERVICE HISTORYAND THE | | | | | | |
| | | | PROCESS CONDITIONS. DEWA WILL PROVIDE THE | | | | | | |
| | | | REQUIRED DAT | | | | | | |
| | | | A UPONREQUEST.2.2.3.#PREPARE INSPECTION | | | | | | |
| | | | AND TEST PLAN (ITP) TO COLLECT NDE DATA | | | | | | |
| | | | ONPRESENT CONDITION OF THE ASSETS | | | | | | |
| | | | OF WORK.2.2.4.#ITP SHALL HAVE NECESSARY | | | | | | |
| | | | INSPECTION-RELATED INFORMATIONDETAILING | | | | | | |
| | | | FOR ALL THE COMPONENTS LIKE COMPONENT | | | | | | |
| | | | NAME / AREA, | | | | | | |
| | | | ITSDIMENSIONS/SIZE, MATERIAL OF | | | | | | |
| | | | CONSTRUCTION, OPERATING PARAMETER, | | | | | | |
| | | | DAMAGEMECHANISM LOOKING FOR, INSPECTION | | | | | | |
| | | | TECHNIQUE TO BE USED WITH | | | | | | |



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|-------|-----------|------------|---|-----|-----|--------------|----------|------------|----------------|
| | | | OUT ANYEXCEPTION AND ANY SPECIAL | | | | | | |
| | | | REQUIREMENT.2.2.5.#A MARKUP DRAWING SHALL | | | | | | |
| | | | BE PREPARED SHOWING ALL THE | | | | | | |
| | | | CMLLOCATIONS.2.2.6.# A UNIQUE | | | | | | |
| | | | IDENTIFICATION NUMBER MUST BE DEVELOPED | | | | | | |
| | | | FOR ALL CMLS.A COPY OF EXISTING ISOMETRIC | | | | | | |
| | | | DRAWINGS SHALL BE USED TO MARK CML | | | | | | |
| | | | POINTS.IF ISOM | | | | | | |
| | | | ETRIC DRAWINGS ARE NOT AVAILABLE, ISOMETRIC | | | | | | |
| | | | DRAWING SHALL BEPREPARED FOR CML MARKING | | | | | | |
| | | | BY THE CONTRACTOR (IT SHALL BE PROPER | | | | | | |
| | | | DRAWING,H | | | | | | |
| | | | AND SKETCH NOT ACCEPTABLE).2.2.7.#DETERMINE | | | | | | |
| | | | CRITICAL COMPONENTS IN THE UNIT FOR | | | | | | |
| | | | DESTRUCTIVE &NON-DESTRUCTIVE | | | | | | |
| | | | TESTS.2.2.8.#REVIEWING | | | | | | |
| | | | CONSTRUCTION CERTIFICATE, DRAWINGS, AND | | | | | | |
| | | | | | | | | | |
| | | | RECORDS.2.2.9.#REVIEWING REPAIRS AND/OR | | | | | | |
| | | | ALTERATIONS CARRIED OUT SO FA | | | | | | |
| | | | R ANDREVIEW OF THOSE RECORDS INCLUDING | | | | | | |
| | | | | | | | | | |
| | | | RECORDS.2.2.10.#SUBMIT FAILURE MECHANISM & | | | | | | |



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DELIVERY LOCATION

CLOSING DATE : 29.05.2025

CLOSING TIME : 10:00:00

| SL NO | ITEM CODE | SERVICE ID | DESCRIPTION | QTY | UOM | BRAND/ORIGIN | WARRANTY | UNIT PRICE | TOTAL PRICE |
|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| | | | TEST METHODOLOGIES FOR DE | | | | | | |
| | | | WA FORAPPROVAL PRIOR TO IMPLEMENT ACTION | | | | | | |
| | | | OF THE INSPECTION/TEST PLAN FOR ALLTHE | | | | | | |
| | | | EQUIPMENT.2.2.11.#SUBMISSION OF FINAL ITP TO | | | | | | |
| | | | DEWA FO | | | | | | |
| | | | R FINAL REVIEW.2.3. #VISUAL | | | | | | |
| | | | INSPECTION:2.3.1.#AFTER COMPLETION OF THE | | | | | | |
| | | | ERECTION AND CERTIFICATION OF | | | | | | |
| | | | THESCAFFOLDING, 100 % VISUAL INS | | | | | | |
| | | | PECTION OF THE NG PIPELINES AND | | | | | | |
| | | | EQUIPMENTSHALL BE DONE BY EIAC APPROVED | | | | | | |
| | | | THIRD PARTY INSPECTOR.2.3.2.#THE THIRD-PARTY | | | | | | |
| | | | INSPECTOR MUST | | | | | | |
| | | | HAVE A VALID ASME | | | | | | |
| | | | INSPECTORCERTIFICATE.2.3.3.#ALL THE CONTROL | | | | | | |
| | | | MEASURES MENTIONED IN THE RISK ASSESSMENT | | | | | | |
| | | | SHALLBE STRICTLY FOLLOWED.2. | | | | | | |
| | | | 3.4.#VISUAL INSP | | | | | | |

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

Integrity inspection of Train 21, 22 and Block 20 NG pipeline as per the list provided in scope of work Refer attached scope of wor

MATERIAL AND OR SERVICE PROVIDED TO DEWA SHOULD PREFERABLY BE ENERGY EFFICIENT AND ENVIRONMENT FRIENDLY. Pag



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|-------------------|-----------------------------------|
| DATE | : 23.05.2025 |
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| REQ TITLE | : 1032502443 Integrity inspection |
| DELIVERY LOCATION | |
| CLOSING DATE | : 29.05.2025 |
| CLOSING TIME | : 10:00:00 |

k)Contact : ashil.prabhakar@dewa.gov.ae / +971-432-26179

STANDARD TERMS & CONDITIONS

1) Prices should be 'DDP' delivery duty paid at DEWA stores.

2) Quotation to be submitted only in local currency U.A.E Dirhams

3) DEWA Standard payment terms is '30 days credit' from the date of acceptance of material

4) No DEWA staff or his or her relatives up to third degree should have ownership or partnership in your company, and your participation in DEWA tenders / RFQs should not constitute a Conflict or perceived Conflict of Interest.

5) The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP