



## **MELLITAH OIL & GAS B.V.**

### **JOINT PROJECTS TEAM**

#### **ENQUIRY FOR PRE QUALIFICATION (NO. JPTPQ/011/13)**

#### **GAS GATHERING SYSTEM (EPIC)**

#### **LIBYAN OFFSHORE – NC41 BAHR ESSALAM PHASE II DEVELOPMENT**

MELLITAH OIL & GAS B.V. BEING THE LEADING OPERATIVE IN LIBYA (HEREINAFTER REFERRED TO AS "MOG"), INTENDS TO AVAIL ITSELF OF THE COOPERATION OF A QUALIFIED AND EXPERIENCED CONTRACTOR FOR THE SUPPLY OF THE GAS GATHERING SYSTEM AND INSTALLATION IN RELATION TO BAHR ESSALAM PHASE II DEVELOPMENT PROJECT.

THE SELECTION OF THE CONTRACTOR WILL BE MADE ON THE BASIS OF COMPETITIVE TENDERING.

SUBJECT TO YOUR AVAILABILITY TO PARTICIPATE AND TO FURTHER APPROVAL OF YOUR COMPANY AS PARTICIPANT TO THE SUPPLY OF GAS GATHERING SYSTEM AND OVERALL INSTALLATION INVESTIGATION TENDER.

#### **PROJECT DESCRIPTION**

MELLITAH OIL & GAS B.V. LIBYAN BRANCH , IS CURRENTLY CARRYING OUT THE BASIC AND FEED ACTIVITIES FOR THE DEVELOPMENT OF THE UNEXPLOITED AREAS OF THE BAHR ESSALAM FIELD (NAMELY C EAST & C CENTRAL A), LOCATED IN THE BLOCK NC41, OFFSHORE LIBYA, IN A WATER DEPTH RANGING FROM 190 TO 205 M, ABOUT 100 KM FROM THE CLOSEST POINT ON THE COAST. THE PHASE II OF THE BAHR ESSALAM FIELD DEVELOPMENT CONSISTS OF THE DELIVERY TO THE EXISTING SABRATHA GAS PROCESS PLATFORM OF THE PRODUCTION FROM THE NEW C CENTRAL A AND C EAST SUBSEA WELLS.

THE FOLLOWING SUBSEA DEVELOPMENTS WILL BE CONNECTED TO THE EXISTING RISERS AND J-TUBES OF SABRATHA PLATFORM:

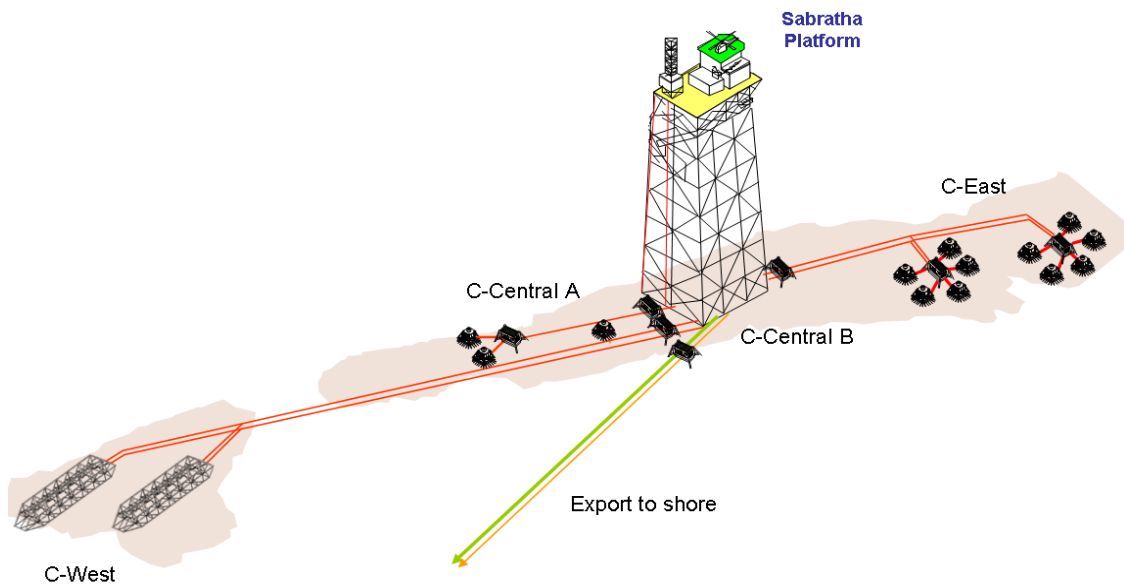
- C CENTRAL A SUBSEA DEVELOPMENT THAT INCLUDES 2 NEW SUBSEA WELLS PLUS CC09 WELL ALREADY DRILLED BUT NOT COMPLETED;
- C EAST SUBSEA DEVELOPMENT THAT INCLUDES 10 NEW WELLS.

THE DEVELOPMENT SCENARIO FOR THE EASTERN AREA ENVISAGES A TOTAL OF 10 WELLS DIVIDED IN TWO CLUSTER MANIFOLDS NAMED END C EAST (ECE) AND MID C EAST (MCE) WITH 5 WELLS EACH. THEY WILL BE CONNECTED TO EXISTING RISERS AND J-TUBES ON THE SABRATHA PLATFORM. THE DISTANCES FROM PLATFORM OF THE END AND MID C EAST WELLS ARE RESPECTIVELY 13.2 KM AND 9.6 KM.

A NEW CLUSTER IN C CENTRAL A AREA FOR 2 WELLS, LOCATED 10.7 KM ON THE WEST SIDE OF SABRATHA PLATFORM, WILL BE CONNECTED TO EXISTING RISER AND J-TUBE INSTALLED IN WEST SIDE OF SABRATHA PLATFORM. A THIRD WELL (CC09 WELL), ALREADY DRILLED 5 KM FAR

FROM WEST SIDE OF THE PLATFORM, WILL BE COMPLETED AND CONNECTED TO A DEDICATED IN-LINE TEE PRE-INSTALLED ON THE EXISTING GATHERING LINES THAT CONNECTS THE EXISTING C WEST SUBSEA FACILITIES TO SABRATHA PLATFORM.

GAS AND CONDENSATE PRODUCTION WILL BE PARTIALLY TREATED ON SABRATHA PLATFORM AND THEN SENT TO ON SHORE MELLITAH PLANT FOR THE FINAL TREATMENT.



### C CENTRAL "A" AREA

THE CONFIGURATION OF THE SUBSEA FACILITIES IS CONSISTING OF:

- ONE (1) SUBSEA PLEM (PIPELINE END MANIFOLD) COLLECTING THE PRODUCTION OF THE TWO WELLS CC-16 & CC-17 AND RELEVANT PROTECTIVE STRUCTURES.
- TWO (2) SUBSEA X-MAS TREES AND RELEVANT PROTECTIVE STRUCTURES FOR WELLS CC-16, CC-17.
- SUBSEA PRODUCTION CONTROL SYSTEM (MULTIPLEX ELECTROHYDRAULIC CONTROL SYSTEM) INCLUDING BOTH TOPSIDES CONTROL EQUIPMENT AND SUBSEA CONTROL EQUIPMENT
- 8" PRODUCTION GATHERING LINE OF 10.7 KM CONNECTING THE PLEM TO THE EXISTING SABRATHA PLATFORM RISER AND ASSOCIATED SPOOLS AND PRODUCTION/EXPANSION LOOPS.
- SSIV AND RELEVANT PROTECTIVE STRUCTURE LOCATED CLOSE TO SABRATHA PLATFORM AND ASSOCIATED SPOOLS AND EXPANSION LOOPS.
- SSIV CONTROL SYSTEM (DIRECT HYDRAULIC CONTROL SYSTEM) AND CONTROL UMBILICAL.
- ONE (1) SUBSEA X-MAS TREE FOR WELL CC09



- SPOOL CONNECTING THE SUBSEA X-MAS TREE OF THE WELL CC09 TO A DEDICATED IN-LINE TEE PRE-INSTALLED ON THE EXISTING 22" PRODUCTION GATHERING LINE CONNECTING MID C WEST SUBSEA PSM TO SABRATHA PLATFORM
- 4" SERVICE LINE CONNECTING THE PLEM AND THE WELL CC09 TO THE EXISTING SABRATHA PLATFORM RISER
- SERVICE SPOOLS/EXPANSION LOOPS CONNECTING THE SUBSEA X-MAS TREES OF THE WELLS CC-16 & CC-17 TO THE PLEM
- SERVICE SPOOLS/EXPANSION LOOPS CONNECTING THE 4" SERVICE LINE TO THE PLEM AND TO THE EXISTING SABRATHA PLATFORM RISER
- ELECTRO-HYDRAULIC CONTROL UMBILICAL, TO DELIVER ELECTRICAL POWER AND SIGNALS AND HYDRAULIC POWER AND CHEMICALS, WILL CONNECT C CENTRAL A SUBSEA WELLS TO THE SABRATHA PLATFORM SURFACE FACILITIES. THE UMBILICAL SYSTEM WILL CONSIST MAINLY OF A MAIN UMBILICAL ROUTED FROM PLATFORM TO CC09 SUBSEA WELL AND AN INFIELD UMBILICAL ROUTED FROM CC09 SUBSEA WELL TO THE TWO CLUSTERED SUBSEA WELLS ( CC-16 AND CC-17).
- SABRATHA PLATFORM MODIFICATIONS (FOR BOTH C EAST AND C CENTRAL "A" AREAS SUBSEA DEVELOPMENT)

## C EAST AREA

THE CONFIGURATION OF THE NEW SUBSEA FACILITIES IS EXPLAINED HERE BELOW.

- END C EAST CLUSTER MANIFOLD COLLECTING THE PRODUCTION OF FIVE WELLS CE01, CE07, CE08, CE09 AND CE10 AND RELEVANT PROTECTIVE STRUCTURES
- ONE (1) MID C EAST CLUSTER MANIFOLD COLLECTING THE PRODUCTION OF FIVE WELLS CE02, CE03, CE04, CE05 AND CE06, AND RELEVANT PROTECTIVE STRUCTURES
- TEN (10) SUBSEA X-MAS TREES AND ASSOCIATED PROTECTIVE STRUCTURES
- SUBSEA PRODUCTION CONTROL SYSTEM (MULTIPLEX ELECTROHYDRAULIC CONTROL SYSTEM) INCLUDING BOTH TOPSIDE CONTROL SYSTEM AND SUBSEA CONTROL EQUIPMENT
- SSIV CONTROL SYSTEM (DIRECT HYDRAULIC) AND RELEVANT CONTROL UMBILICAL
- ELECTRO-HYDRAULIC CONTROL UMBILICAL TO DELIVER ELECTRICAL POWER AND SIGNAL AND HYDRAULIC POWER AND CHEMICALS TO THE SUBSEA SYSTEM, WILL CONNECT C EAST SUBSEA SYSTEM TO SABRATHA SURFACE FACILITIES. THE UMBILICAL SYSTEM WILL MAINLY CONSIST OF MAIN UMBILICAL ROUTED FROM PLATFORM TO MCE (MID CENTRAL EAST) CLUSTER AND AN INFIELD UMBILICAL ROUTED FROM MCE TO ECE (END CENTRAL EAST) CLUSTER. A SDU (SUBSEA DISTRIBUTION UNIT) IS INSTALLED ON EACH OF THE CLUSTERS (MCE AND ECE) TO DISTRIBUTE POWER, SIGNAL, HYDRAULICS AND CHEMICALS SERVICES VIA E/H JUMPERS TO THE SUBSEA SYSTEM NETWORK.
- 20" PRODUCTION LINE AND 8" PRODUCTION / TEST LINE OF 13.2 KM CONNECTING MID C EAST CLUSTER MANIFOLD TO SABRATHA PLATFORM AND ASSOCIATED SPOOLS AND PRODUCTION / EXPANSION LOOPS.
- A DOUBLE SSIV SKID AND RELEVANT PROTECTIVE STRUCTURE LOCATED CLOSE TO SABRATHA PLATFORM AND ASSOCIATED SPOOLS / EXPANSION LOOPS
- 4" SERVICE LINE CONNECTING END C EAST CLUSTER MANIFOLD TO MID C EAST CLUSTER MANIFOLD AND ASSOCIATED SPOOLS



- 4" SERVICE LINE CONNECTING MID C EAST CLUSTER MANIFOLD TO SABRATHA PLATFORM AND ASSOCIATED SPOOLS / EXPLANSION LOOPS.
- SABRATHA PLATFORM MODIFICATIONS (FOR BOTH C EAST AND C CENTRAL "A" AREAS SUBSEA DEVELOPMENT). SABRATHA PLATFORM MODIFICATIONS ARE ANTICIPATED TO BE OF A REDUCED ENTITY, SINCE THE TOPSIDE FACILITIES WERE ALREADY DESIGNED TO TREAT FLUIDS INCOMING FROM C CENTRAL A AND C EASTERN AREAS, AND RISERS AND J-TUBES WERE PRE-INSTALLED. MAIN WORKS ARE ASSOCIATED PRIMARILY WITH THE INSTALLATION, HOOK UP AND COMMISSIONING OF TOPSIDES CONTROL SYSTEM EQUIPMENT.



## SCOPE OF WORK

### GAS GATHERING SYSTEM AND INSTALLATION

THE WORK ENCOMPASSES DETAIL DESIGN, PROCUREMENT, CONSTRUCTION, FABRICATION, INCLUDING ALL MECHANICAL, COATING, PAINTING, INSULATION, CATHODIC PROTECTION, LOAD OUT, TRANSPORTATION, LAYING / TRENCHING / INSTALLATION, PRE-COMMISSIONING, COMMISSIONING, AND ASSISTANCE DURING START UP.

THE FACILITIES AND THEIR RELATED COMPONENTS AND INFRASTRUCTURE SHALL BE FULLY COMPLETED, OPERATIONAL, SAFE, RELIABLE AND COMPLIANT WITH LIBYAN GOVERNEMENT REGULATIONS.

THE FOLLOWING WORK CATEGORIES SHALL BE PART OF THE SCOPE OF WORK:

- ENGINEERING

PROVIDE FULL DETAILED DESIGN ENGINEERING

PROVIDE AS BUILT DRAWINGS.

PROVIDE PERFORMANCE GUARANTEE FOR THE COMPLETED WORK.

PROVIDE OPERATING & MAINTENANCE MANUALS

- PROCUREMENT SERVICES

ALL PROCUREMENT ACTIVITIES IN CONNECTION WITH THE WORK INCLUDING PLANNING, INSPECTION & EXPEDITING, ETC.

- PROJECT MANAGEMENT

MANAGE THE SUB-CONTRACTOR INTERFACES, CONSENTS AND APPROVALS PROCESS, THE FIELD CONSTRUCTION, LAYING, INSTALLATION COMMISSIONING, START-UP ASSISTANCE, PERFORMANCE TESTING AND HAND-OVER OF THE FACILITIES.

MANAGE THE WORK, INCLUDING ADMINISTRATION ITEMS SUCH AS, PREPARATION OF EXECUTION PLAN, WORK SCHEDULES, REPORTING PROGRESS, MANPOWER, SAFETY, PRODUCTIVITY, INVOICE SUBSTANTIATION, AND COST REPORTS.

ENSURE COMPLIANCE WITH APPLICABLE STANDARDS, PRESSURE AND LEAKAGE TESTS, PREPARATION AND SUBMISSION OF DOCUMENTATION FOR THE PURPOSE OF OBTAINING PERMITS AND APPROVALS. IMPLEMENT AUDIT PROGRAM TO ENSURE COMPLIANCE

MANAGE, SUPERVISE AND PROVIDE, ALL NECESSARY RESOURCES, INCLUDING SUPERVISION, SKILLED AND SEMI-SKILLED LABOUR, TOOLS, EQUIPMENT AND SUPPLIES FOR THE SATISFACTORY PERFORMANCE OF THE WORK. PROVIDE ALL CATERING,



ACCOMMODATION, TRANSPORTATION AND HUMAN RESOURCES NEEDS OF THE CONTRACTOR AND SUB-CONTRACTOR PERSONNEL. PROVIDE ALL PERSONAL SAFETY EQUIPMENT.

IMPLEMENT AND ADMINISTER FOR THE WORK A: 1) QUALITY CONTROL AND QUALITY ASSURANCE PROGRAM, 2) SAFETY POLICY AND PROGRAM, 3) MATERIALS INVENTORY AND CONTROL SYSTEM, 4) COST REPORTING AND CONTROL SYSTEM, 5) SCHEDULING AND PLANNING SYSTEM.

PROVIDE ALL ENVIRONMENTAL PROTECTION AS REQUIRED BY THE CONTRACT AND GOVERNMENT REGULATIONS.

RECEIVE FREE ISSUE MATERIAL FROM COMPANY'S OTHER CONTRACTORS AND TAKE RESPONSIBILITY FOR HANDLING, HAULAGE, SECURITY, AND STORAGE ON SITE

PROVIDE ALL OTHER MATERIALS AND EQUIPMENT, VESSELS, TOOLS, SUPPLIES AND CONSUMABLES NECESSARY FOR THE WORK.

PROVIDE VARIOUS APPLICATION FOR GOVERNMENT PERMITS.

- CONSTRUCTION / LAYING / INSTALLATION

1. FABRICATE, LAYING / INSTALL THE OFFSHORE GAS GATHERING LINES (PIPE MECHANICALLY BONDED WITH 3 MM OF INCOLOY 825 AND SIMILAR).
2. COMMISSIONING ALL GAS GATHERING LINES
3. SUPPLY, INSTALL COMMISSION SSIV & RELATED CONTROL SYSTEM
4. LAYING OF OFFSHORE CONTROL UMBILICALS ( SUPPLIED BY OTHER COMPANY CONTRACTORS)
5. INSTALL MANIFOLDS AND PROTECTIVE(S) STRUCTURES
6. SUPPLY ALL SPOOLS, INSTALL AND HOOK UP ALL THE SUBSEA GATHERING LINES NETWORK.
7. SUPPLY AND INSTALL TOPSIDES MODIFICATIONS
8. INSTALLATION AND CONNECTION OF ALL ELECTRICAL / HYDRAULIC / CHEMICAL UMBILICAL JUMPERS.
9. INSTALL PROTECTION ON CONTROL UMBILICAL(S) JUMPERS
10. TRENCHING OF ALL GAS PRODUCTION, TEST AND SERVICE LINES AND CONTROLS UMBILICALS
11. COMMISSIONING AND HANDOVER OF THE FACILITIES TO COMPANY
12. ASSISTANCE TO COMPANY DURING START UP

- CERTIFICATION, APPROVALS, CONSENTS AND PERMITS

1. OBTAIN ALL CERTIFICATIONS, APPROVALS, CONSENTS AND PERMITS REQUIRED UNDER LIBYAN REGULATIONS TO ALLOW CONSTRUCTION.



2. PREPARE ALL REGULATORY DOCUMENTATION AND PROJECT, OPERATIONS AND MAINTENANCE DOSSIERS.

FOR THE EXECUTION OF THE WORK DESCRIBED ABOVE THE APPLICANT MUST INDICATE WHICH OF THE ABOVE CATEGORIES SHALL BE GENERATED IN HOUSE, WHICH BY NOMINATED SUB-CONTRACTORS AND WHICH BY OTHER SUB-CONTRACTORS.

**IMPORTANT**

MELLITAH OIL & GAS BV RESERVES THE RIGHT TO CHANGE THE CONTRACTUAL STRATEGY DURING OR AFTER THE COURSE OF THE PRE-QUALIFICATION WITHOUT NOTIFYING THE APPLICANT.



## TIME SCHEDULE

MOG INTENTION IS TO INITIATE A TENDER FOR LIBYAN OFFSHORE – NC41 BAHR ESSALAM PHASE II DEVELOPMENT GAS GATHERING SYSTEM AND INSTALLATION EPIC END OF 2<sup>ND</sup> QUARTER 2013 WITH AN ESTIMATED AWARD DATE OF 2Q 2014. START UP DATE OF THE NEW FACILITIES IS END 2015.

## QUALIFICATIONS

MOG MUST SATISFY ITSELF THAT EACH OF THE FINAL SELECTED APPLICANT HAVE THE RESOURCES, MANAGEMENT AND ALL THE CAPABILITY TO ACT AS A SINGLE LEGAL ENTITY (COMPANY) IN ORDER TO ACHIEVE THE REQUIRED TARGETS OF QUALITY, HSE, STANDARDS AND PROGRAMME. THE QUALIFICATION ASSESSMENT THEREFORE REQUIRES SPECIFIC INFORMATION REGARDING THE ESTABLISHMENT OF THE MANUFACTURER, ITS INTERNAL ORGANISATION, OVERALL ORGANIZATION, ENGINEERING CAPABILITIES, THE METHOD OF APPROACHING AND PERFORMING THE WORK, AND THE RESOURCES AVAILABLE. MOG WOULD LIKE TO STRESS THE IMPORTANCE IT PLACES ON THIS PREQUALIFICATION DOCUMENT AND ASK THAT MANUFACTURER SUBMIT ALL THE INFORMATION AS REQUESTED.

MOG HAS THE RIGHT TO EXCLUDE ANY FILE WHICH DOES NOT COVER AND MEET THE ABOVE STIPULATED REQUIREMENTS.

THE PRE QUALIFICATION REQUEST IS NOT AN INVITATION TO TENDER. MOG IS NEITHER COMMITTED NOR OBLIGATED TO UNDERTAKE THE WORK DESCRIBED ABOVE OR TO ISSUE ANY CALL FOR TENDER OR TO INCLUDE ANY RESPONDENT TO THIS INVITATION OR OTHER COMPANY ON ANY BIDDERS LIST OR TO AWARD ANY FORM OF CONTRACT.

THE INVITATION TO TENDER (ITT) AND FULL ITT PACKAGE WILL ONLY BE ISSUED TO PREQUALIFIED AND DULY APPROVED INSTALLATION COMPANIES.

MOG WILL NOT BE RESPONSIBLE FOR WHATSOEVER COSTS INCURRED FOR PREPARATION AND SUBMISSION PRESENTED IN RESPONSE TO THIS NOTICE.

MOG SHALL DEAL ONLY WITH AUTHORIZED OFFICIALS OF THE BIDDING INSTALLATION COMPANIES AND NOT THROUGH INDIVIDUALS OR AGENTS.

INTERESTED COMPANIES ARE REQUESTED TO PROVIDE THE INFORMATION AS SET FORTH IN THE INFORMATION AND DOCUMENTS FOR "CONTRACTOR EVALUATION" REQUEST, DETAILED IN BELOW.

THE PURPOSE OF THE INFORMATION AND DOCUMENTS REQUEST IS TO START A "QUALIFICATION ASSESSMENT" AND TO GIVE AN OPPORTUNITY TO THE SELECTED COMPANIES TO PROVIDE DETAILS OF ITS LEGAL STRUCTURE, ITS MANAGEMENT, ITS EXPERIENCE, ITS RESOURCES AND OVERALL CAPABILITY TO PERFORM THE WORK.

ALL RESPONSES ARE TO BE SUPPORTED BY SUCH NARRATIVE, ORGANISATION CHARTS, RESOURCE CHARTS AND OTHER INFORMATION WHICH THE COMPANY CONSIDERS NECESSARY TO SUBSTANTIATE THE INDIVIDUAL RESPONSES AND PROVIDE MOG WITH THE REQUIRED CONFIDENCE IN THE COMPANY'S CAPABILITIES AND EXPERIENCES.





## RESPONSES

IF YOU INTEND TO BID, PLEASE:

1. CONFIRM YOUR AUTHORIZATION FOR A "QUALIFICATION ASSESSMENT" WHICH WILL BE CONDUCTED BY MOG REPRESENTATIVE AND WHICH MIGHT ALSO REQUIRE A VISIT TO YOUR PREMISES
2. ADVISE THE ESTIMATED WORKLOAD (MAXIMUM, BUSY AND AVAILABLE) FOR THE PERIOD 2014-2015.
3. CONFIRM YOUR CAPABILITY AND AVAILABILITY TO MEET THE TIME SCHEDULE INDICATED IN THIS LETTER

IF INTERESTED AND WITHOUT ANY OBLIGATION ON OUR PART YOU ARE KINDLY REQUESTED TO COMPLETE AND STAMP ALL PAGES WITH COMPANY SEAL THE ATTACHED PRE-QUALIFICATION QUESTIONNAIRE AND SUBMITT (BY HAND, BY COURIER MAIL OR BY FAX) YOUR REPLY NOT LATER THAN **MONDAY 29<sup>TH</sup> OF APRIL 2013** TO:

GAS GATHERING SYSTEM (EPIC)  
PREQUALIFICATION (NO. JPTPQ/011/13)

JPT PRE-QUALIFICATION COMMITTEE, CHAIRMAN  
MELLITAH OIL & GAS B.V.

DAT EL EMAD COMPLEX, TOWER 1, FLOOR 8, P.O. BOX 91651, TRIPOLI, LIBYA

TEL: +218.21.3350746-7-8 EXT. 26831

FAX: +218.21.3350628

E-mail: aomar@mellitahog.ly

aelgadi@mellitahog.ly

## ADDITIONAL INFORMATION

THIS PRE-ENQUIRY SHALL NOT BE CONSIDERED AN INVITATION TO BID AND THEREFORE IT DOES NOT REPRESENT OR CONSTITUTE ANY PROMISE, OBLIGATION OR COMMITMENT OF ANY KIND ON THE PART OF MOG, TO ENTER INTO ANY AGREEMENT OR ARRANGEMENT WITH YOU OR WITH ANY COMPANY PARTICIPATING IN THIS PRE-ENQUIRY.

CONSEQUENTLY, ALL DATA AND INFORMATION PROVIDED BY YOU SHALL NOT BE CONSTRUED AS A COMMITMENT ON THE PART OF MOG, TO ENTER INTO ANY AGREEMENT OR ARRANGEMENT WITH YOU, NOR SHALL THEY ENTITLE YOUR COMPANY TO CLAIM ANY INDEMNITY FROM MOG.

ALL DATA AND INFORMATION PROVIDED PURSUANT TO THIS PRE-ENQUIRY WILL BE TREATED AS STRICTLY CONFIDENTIAL AND WILL NOT BE DISCLOSED OR COMMUNICATED TO NON-AUTHORIZED PERSONS OR COMPANIES EXCEPT MOG.

PLEASE CONFIRM THE RECEIPT OF THIS PRE-ENQUIRY AND KINDLY SUBMIT THE DATA/INFORMATION REQUESTED BY THE DATE INDICATED ABOVE.



## INFORMATION AND DOCUMENTS FOR VENDOR EVALUATION

THE PURPOSE OF THIS QUESTIONNAIRE IS TO ASSIST IN DECIDING WHICH CONTRACTORS TO SHORT-LIST FOR INVITATION TO TENDER.

IN ORDER TO SIMPLIFY THE PROCESS, YOU DON'T NEED TO PROVIDE SUPPORTING DOCUMENTS, FOR EXAMPLE, ACCOUNTS, CERTIFICATES, STATEMENTS OR POLICIES WITH THE QUESTIONNAIRE.

**HOWEVER, MELLITAH OIL & GAS B.V. (MOG) MAY ASK TO SEE THESE DOCUMENTS AT A LATER STAGE. YOU MAY ALSO BE ASKED TO CLARIFY YOUR ANSWERS OR PROVIDE MORE DETAILS.**

PLEASE ANSWER EVERY QUESTION. IF THE QUESTION DOES NOT APPLY TO YOU PLEASE WRITE **N/A**; IF YOU DON'T KNOW THE ANSWER PLEASE WRITE **N/K**.

### **CONSORTIA**

IF YOU ARE SUBMITTING A BID AS A **CONSORTIUM**, EACH PARTNER ORGANIZATION MUST COMPLETE A **SEPARATE** FORM.

**ARE YOU BIDDING TO PROVIDE THIS SERVICE AS A CONSORTIUM? YES/NO**

**IF SO PLEASE CONFIRM THE NAMES OF ALL ORGANIZATIONS CONTRIBUTING TO THIS BID:**

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## PRE-QUALIFICATION QUESTIONNAIRE

### 1. Basic Details of Company Profile, Organization, Reference & Joint Venture Agreement.

1.1	Name of organization in whose name the tender would be submitted: If you are bidding as a consortium what are the names of your partner organizations?
1.2	Contact name for enquires about this bid:
	Home Office: Office in Libya:
1.3	Contact position (Job Title)
	Home Office: Office in Libya:
1.4	Main Address for Correspondence, including full Post Code:
	Home Office: Office in Libya:
1.5	Telephone number:
	Home Office: Office in Libya:
1.6	Fax number:
	Home Office: Office in Libya:
1.7	E-mail address:
	Home Office: Office in Libya:
1.8	Company website address (if any):
1.9	Company Registration number
	Home Office: Office in Libya:
1.10	Date of Registration
	Home Office: Office in Libya:
1.11	Registered address including full post code if different from 1.4 above
1.12	Name of (ultimate) parent company (if this applies)
1.13	Companies House Registration number of parent company (if this applies)
1.14	Company and Group Structure (if applicable) with the list of major Shareholders



1.15	Company Organization Chart
1.16	Resume of the Project Owner dedicated to the project
1.17	Overall number of Company's internal employees (with an indication of the last 3 years trend) and breakdown of resources by Engineering, Procurement & Contracting, Fabrication Assembly and Testing, installation and commissioning.
1.18	Company Organization description, including processes (also outsourcing) interactions as seen necessary in order to properly manage all aspects and interfaces of the work
1.19	Recent Company brochures
1.20	Certificate from the Chamber of Commerce and/or Company Registration in Country Register
1.21	External resources List the main areas of activity in which external collaborators are involved and their number
1.22	List and details of major similar projects completed over the last five years, with evidence of your client, your scope of work, country, date of award, date of completion and total value
1.23	Shareholders' structure List the main shareholders (with at least 5%), the shares held, and specify whether active in company management ( in case of consortium provide details)
1.24	Shareholders' structure changes (in the last 5 years)
1.25	Holdings in other companies
1.22	In case of "Joint Venture" (JV) the JV Agreement with indication of the organization, rules, list of technical and HSEQ procedures valid for JV you plan will be applied to the Libyan Offshore – NC 41 Bahr Essalam Phase II.



## 2. Economic and Financial Information

2.1	What was your turnover in the last two years (if this applies)	
	<b>\$/£/€:</b> _____ <b>for year ended April 2012</b>	<b>\$/£/€:</b> _____ <b>for year ended April 2011</b>
If this does not apply, what year did you commence business? _____		
2.2	Has your organization met the terms of its banking facilities and loan agreements (if any) during the past year?	<b>Yes / No</b>
2.3	If <b>"No"</b> what were the reasons, and what has been done to put things right?	
2.4	Has your organization met all its obligations to pay its creditors and staff during the past year?	<b>Yes / No</b>
2.5	If <b>"No"</b> please explain why not:	
2.6	What is the name and branch of your bankers (who could provide a reference)?	Name: Branch: Contact details:
If asked, would you be able to provide at least one of the following?		
	<i>A copy of your most recent audited accounts (for the last two years if this applies)</i>	<b>Yes / No</b>
	<i>A statement of your turnover, profit &amp; loss account and cash flow for the most recent year of trading</i>	<b>Yes / No</b>
	<i>A statement of your cash flow forecast for the current year and a bank letter outlining the current cash and credit position</i>	<b>Yes / No</b>
2.7	Annual reports for the last fiscal year	
2.8	Financial Structure of the Company	
2.9	Indicate if a Parent Company or an Ultimate Holding Company Guarantee can be supplied if required	
2.10	Indicate if the Company can provide a Performance Bond	
2.11	Does balance sheet data have been audited?	
2.11.1	If <b>"No"</b> please explain why not:	



2.11.2	if <b>Yes</b> , provide the auditor firm name
2.12	Any additional information relevant to the financial stability and integrity of the Company

Please attach:

1. copy of the last 2 (two) deposited balance sheets .
2. written authorization to contact the bank indicated, for verification of references.
3. declaration that no arbitration and/or litigation with client or supplier(s) exist.



### 3. Procurement Unit

Submit detailed information on the capacities, the structure and human resources assigned to the procurement activities.

#### 3.1 Structure of the Unit - Resources Assigned

Submit organization chart of the Unit, with evidence of human resources assigned

List the specific experience/references related to procurement activities within your Company

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#### 3.2 Procurement Sources

State whether the procurement sources are pre qualified: in the affirmative, describe the pre qualification system and procedures.

	<u>Main Sub Contractors - Sub Suppliers</u>	<u>Services/products supplied</u>
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2		
3		
4		
5		
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7		
8		

Notes:

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## 4. Engineering Unit

### 4.1 Structure of the Unit; Resources Assigned

Information on the design capacities, human resources subdivided by the various engineering activities and available specific equipment, if any.

Please attach the organization chart of the Unit

List the procedures concerning management of following aspects:

- Execution of engineering/calculation;
- Document preparation, approval, modification, filing and reporting;
- Utilization of "Computer Aided Design Engineering (CAD/CAE)".

Engineering	Type of Design			Education of personnel involved (no.)		
	concept	basic	detail	degree (no.)	diploma (no)	other (no)
<u>Disciplines</u>						
Mechanical						
Pipelines						
Structural						
Piping						
Process						
Installation						
Construction						
Electrical/Instrumentation						
Civil						
Elec. Power Gen./Supply						
Information / Computation						
Commissioning						
Safety						
<u>Designers/ draftsmen</u>						
<u>CADD Designers</u>						
<u>Other:</u>						
<u>Total</u>						
Design over the total subcontracted		Concept %		Basic %		Detail %
<u>Equipment</u>	<u>Description</u>					





<u>Engineering Unit</u> <u>Design References</u>	<u>Reference Description</u>				
Client	Scope of work	Activities carried out	Amount	Duration	Year

Please add any further disciplines not included in the list.

The terms "engineering" and "design" refer to the intellectual work at large such as technical and organisational consulting services, processing of information programmes, design etc.

Notes:

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#### 4.2 Structure of the Unit - Available Technology

List any particular industrial technologies available for gas-oil or petrochemical processes, and indicate whether they are Company's property or under license (in this case specify the terms of the agreement with the licensor).

Notes:

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#### 4.3 Information System

In addition to the data already provided in the section "Engineering", submit details of information in respect to:

A.) Possibility of data transfer among the following Unit: Engineering, Procurement, Construction.

<u>Hardware</u>	<u>Description</u>	<u>Portability/compatibility with other systems</u> (If "yes", submit details)	
<u>Software</u>			

Notes:

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## 5. Production Process

Detailed information on the capacities, structure, equipment and facilities, human resources employed in the operations.

### 5.1 Structure

Provide a brief description of the organization (where applicable) with respect to:

- Services (work supervision, inspection & test, field surveys, data processing, etc.),
- Manufacture (workshop)
- Construction / Pre-fabrication, Coating, Insulation etc ( Onshore site)
- Offshore installation and commissioning ( Offshore site)
- Material management

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### 5.2 Resources Assigned

<b><u>Prefabrication/workshop manufacture</u></b>				
Activity	Company's Personnel		Sub-contracted Personnel	
	Technicians	Workers	Technicians	Workers
Machining				
Structural Work				
Welding				
Pipe				
Special processes				

<b><u>Prefabrication/workshop manufacture</u></b>				
Activity	Company's Personnel		Sub-contracted Personnel	
	Technicians	Workers	Technicians	Workers
Heat Treatment				
Sand Blasting				
Painting				
Coating				
Insulation				
Mechanical Assembly.				
Ele/Instr. Assembling				
Special Processes				
Other:				
Total				

<b><u>External works and activities construction / assembly / maintenance</u></b>		
Activity	Company's Personnel	Sub-contracted Personnel



	Technicians	Workers	Technicians	Workers
Mechanical Assembly				
Ele/Instr. Assembly				
Machining				
Mechanical Maintenance.				
Ele/Instr. Maintenance				
Mechanical Construction.				
Special Processes				
Painting				
Civil				
Other:				
Total				
<b><u>Services</u></b>				
Activity	Company's Personnel		Sub-contracted Personnel	
	Technicians	Workers	Technicians	Workers
Project Management				
Work Supervision				
Technical Assistance				
Commissioning				
Start Up				
Training				
Non Destructive Tests				
Inspection Services				
Other:				
Total				
Grand Total				

Notes:

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### 5.3 Equipment and Facilities

Description of the characteristics and quantity of the main equipment and facilities owned by you.

	Description of equipment	Characteristics	Quantity
1			
2			
3			
4			
5			
6			
7			



Notes:

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5.4 Special Production Processes

Where applicable, indicate the main qualified special production processes (e.g.: welding, heat treatments, etc.)

	<u>Special Processes</u>	<u>Characteristics</u>	<u>Qualifying Body</u>
1			
2			
3			
4			
5			
	<u>Qualified Operators</u>	<u>Number and Job Classification</u>	<u>Qualifying Body</u>
	<u>For Special Process as indicated below</u>		
1			
2			
3			
4			
5			

Notes:

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## 6. Inspection & Tests

Detailed information on the capacities, structure, equipment and facilities, human resources employed in the quality control activities.

### 6.1 Structure of the Unit

Provide the organization chart of the unit, with respect to:

- Expediting activities,
- Checks and inspection of supplies (procurement)
- Checks and inspections during pre-fabrication / fabrication, and assembling phases (workshop)
- Checks and inspections during the construction / installation phases (worksite).

Please, indicate service companies utilized for tests and inspections, and specify the type of service.

Company Name	Type of Service			
	NDE	Inspection	Test	Other

### 6.2 Activities carried out and Resources Assigned

Complete where applicable

Inspection and Tests					
Activity	Company's Inspectors				Third Parties' Inspectors
			Senior (no)	Junior (no)	(no)
Chemical Analyses	yes	no			
Mechanical Tests	yes	no			
Dimensional Checks	yes	no			
Under Pressure Tests	yes	no			
Functional Tests	yes	no			
Electrical Tests	yes	no			
NDT : Dye Penetrant	yes	no			
NDT : Magnetic Particle	yes	no			
NDT : Ultrasonic	yes	no			
NDT : X Ray	yes	no			
Other:	yes	no			
Total					
Expediting					
Activity	Company's Inspectors				Third Parties' Personnel
			Senior (no)	Junior (no)	(no)
Piping	yes	no			



Package and Skids	yes	no			
Ele/Instr. Comp. & Systems	yes	no			
Other:	yes	no			
Total					

6.3 Testing Equipment/Facilities/Instruments

State whether the periodical calibration of the instruments is effected; in the affirmative, specify the Unit concerned and whether such Unit is within or outside the company

	Description of the instrument	Characteristics	Quantity
1			
2			
3			
4			
5			

Notes:

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6.4 Non destructive examinations

Indicate the main Non Destructive Examinations performed directly by your Company; duly indicate Qualified NDE Processes/Operators.

	NDE Processes	Qualified Operators			Qualifying Body
		Number	Level	Rule	
1					
2					
3					
4					
5					

Notes:

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## 7. Marine Equipment Characteristic

Applicant to quote the following requested information indicating whether the marine equipment is owned, rented or other and give details of the Marine Equipment that could be committed to the project.

7.1 The following information is also to be submitted for each vessel and barge:

- 7.1.1 Present location(s)
- 7.1.2 Last 3 Projects
- 7.1.3 Vessel layout/specifications
- 7.1.4 Diving Facilities
- 7.1.5 ROV availability
- 7.1.6 D.P. capabilities

7.2 Pipelay Barge (submit one sheet for each vessel)

Name and number	Classification / Dimensions / Registry	Pipe handling Crane and capacity	Tension Capacity	Pipe Diameter	Welding Stations

“Indicate if owned or contracted/chartered”



Tugs (submit one sheet for each vessel)

Tug Name and number	Classification / Dimensions / Registry	Horse Power	Speed and consumption	Bollard Pull

"Indicate if owned or contracted/chartered"

### 7.3 Other barge details

- 7.3.1 Condition of proposed Lay Barges
- 7.3.2 Details of mooring equipment
- 7.3.3 Limitation due to sea and weather conditions
- 7.3.4 Summary of equipment normally provided with Pipelay barge spread
- 7.3.5 Minimum/maximum drafts for laying operation
- 7.3.6 Anchor patterns
- 7.3.7 Describe trenching equipment

## 8. Experience and References

Please provide details of three recent contracts that are relevant to the requirement. If you cannot provide three references, please explain why.				
		Reference 1	Reference 2	Reference 3
8.1	Customer Organization (name):			
8.2	Customer contact name and phone number:			
8.3	Date contract awarded:			





8.4	Contract reference and brief description:			
8.5	Contract type and Value:			
8.6	Date contract was completed			
8.7	Have you had any contracts terminated for poor performance in the last three years, or any contracts where damages have been claimed by the contracting authority?	<b>Yes / No</b>		
8.8	If "Yes" please give details:			

## 9. Workload

9.1	Pls provide details of Applicant's existing commitment to work as follows
9.2	Total Work Load:
	Provide histogram showing the current and projected average monthly workload in man-hours for your company for each month over the forthcoming 36 months
9.3	Pls provide details of your current work commitment, stating for each job the following information:
	1. Name / location / approximate value of the project
	2. Works performed by you and type of contract
	3. Estimated total man hours of your present work I) Home Office II) Site Services III) Construction direct man hours IV) Date your contract commenced V) Estimated date of completion of your contract IV) Estimated total man hours still to be earned and expended to complete your contract V) Client Contact information
	Pls provide in percentage the spare work capacity in respect to 1.2 and 1.3 above

## 10. Insurance

10.1	Please provide details of your current insurance cover:	
a)	Employers Liability	<b>Value</b> \$/£/€ _____
b)	Public Liability	<b>Value</b> \$/£/€ _____



c)	Other (please provide details particularly with respect to rendered similar Services)	<b>Value</b> \$/£/€ _____
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### 11. Quality Assurance

11.1	Does your organization hold a recognized quality management certification as per ISO 9001:2008 or equivalent? If <b>Yes</b> please state name of certification _____.	<b>Yes / No</b>
11.2	If <b>No</b> , does your organization have a quality management system*? If you do not have quality certification or a quality management system, please explain why:	<b>Yes / No</b>
11.3	Quality Manual and list of procedures/instructions in use	
11.4	Quality Control Plan to be employed in projects similar to the Libyan Offshore - NC-41 Bahr Essalam Phase II development project.	

Please attach:

- one copy of available certificate
- one copy of the Quality Manual.

## 12. Health & Safety and Environment

12.1	Health & Safety Management System certification and/or documents proving the Company compliance with national/international H&S standards (e.g. ISO 18001);	
12.2	Does your organization have a written health and safe work policy? (see notes at end of questionnaire)	<b>Yes / No</b>
12.3	Does your organization have a health and safety at work system?	<b>Yes / No</b>
12.4	If <b>"No"</b> , to either of the above please explain why:	
12.5	Sample of typical HSE Management Plan for engineering used in project similar to Bahr Essalam 2 <sup>nd</sup> Phase Project scope of work	
12.6	Environment Management System certification and/or documents proving the Company compliance with national/international Environmental standards (e.g. ISO 14001);	
12.7	Does your organization have an environment management system?	<b>Yes / No</b>
12.8	Does your organization have a sustainable procurement policy?	<b>Yes / No</b>
12.9	Evidence of compliance of your products/plant/supplies in order to international laws and standards applicable for environmental requirements	
12.10	Any additional information relevant to establish that Company has the necessary experience, capability and financial viability to undertake the activities in question safely and in an environmentally sound manner	

Please attach any relevant documentation (manual, procedures, etc.)

## 13. Equalities

13.1	Does your organization have a written equal opportunity policy, to avoid all types of discrimination?	<b>Yes / No</b>
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#### 14. Professional and Business Standing

Do any of the following apply to your organization, or to (any of) the director(s) / partners / proprietor(s)?		
14.1	Is in a state of bankruptcy, insolvency, compulsory winding up, receivership, composition with creditors, or subject to relevant proceedings	<b>Yes / No</b>
14.2	Has been convicted of a criminal offence related to business or professional conduct	<b>Yes / No</b>
14.3	Has committed an act of grave misconduct in the course of business	<b>Yes / No</b>
14.4	Has not fulfilled obligations related to payment of social security contributions	<b>Yes / No</b>
14.5	Has not fulfilled obligations related to payment of taxes	<b>Yes / No</b>
14.6	Is guilty of serious misrepresentation in supplying information	<b>Yes / No</b>
14.7	Is not in possession of relevant licenses or membership of an appropriate organization where required by law.	<b>Yes / No</b>
14.8	If the answer to any of these questions is <b>"Yes"</b> please give brief details below, including what has been done to put things right.	

## 15. Requirement Specific Questions

15.1	Please provide evidence that your organization/consortia would be able to deliver a <b>high standard</b> of Engineering / Materials & Equipment /fabrication/laying / installation/ hook up and commissioning
15.2	Please provide evidence of the system and procedures in place to manage all internal and external interfaces during EXECUTION of similar projects.
15.3	Please provide a description outlining Applicant's approach to continuous improvement of performance and quality through company restructuring and / or change management.
15.4	Please List the planning and scheduling systems currently being used by the Applicant. State which one(s) would be proposed for the NC 41 Bahr Essalam Phase II Development Project and how they would be applied.
15.5	Please Provide Materials management and inventory system procedures
15.6	Please provide details of typical project execution for scope fo work similar to the Bahr Essalam phase II
15.7	Please provide details of previous executed projects.
15.8	Please provide evidence of previous experience in supplying pipe mechanically bonded with 3 mm of incoloy 825 and similar.
15.9	Pls describe how the Applicant would handle and coordinate a multi-lingual construction project of this nature in this location
15.10	Pls describe how the Applicant would propose handling work permits for expatriate personnel. Utilization and training of local labour, incorporation of local materials and supplies
15.11	Pls provide outline of the Applicant's proposed recruitment policy and the main recruitment location of staffing
15.12	Pls describe the experience of Applicant ( or consortium members or nominated Sub-Contractors) have with the application for and obtaining Libyan regulatory authority approvals for petroleum industry facilities
15.13	Pls provide an overview of the approach and method whereby the Applicant would organize and implement the commissioning of the facilities
15.14	Pls provide outline details of the Applicant intended work plan for the receipt of material, installation and testing



15.15	Have you <b>experience</b> of providing a similar work to another organization? If so please provide details.
15.16	How you will ensure that your service will meet the objectives as set out in the specification document?



## 16. Logistic

Detailed information on the structure and management of the logistics within your company.

### 16.1 Structure of the Unit and Resources Assigned,

Provide the organization chart of the unit and information about :

- Available offices, areas, sheds, etc .
- Material management, transport, shipment system .
- Statutory authorizations

Notes:

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## 17. Declaration

I DECLARE THAT TO THE BEST OF MY KNOWLEDGE THE ANSWERS SUBMITTED IN THIS PQQ (AND ANY SUPPORTING MODULES) ARE CORRECT. I UNDERSTAND THAT THE INFORMATION WILL BE USED IN THE EVALUATION PROCESS TO ASSESS THE ORGANIZATION'S SUITABILITY TO BE INVITED TO TENDER FOR THE REQUIREMENT.

<b>FORM COMPLETED BY:</b>	
Organization Name:	
Authorized Official:	
Unit/Department	
Position (Job Title):	
Telephone Number:	
Fax Number:	
E-mail Address:	
Date:	
Signature:	

### \*Notes:

**ENVIRONMENTAL MANAGEMENT SYSTEM** MEANS PROCESSES AND PROCEDURES TO ENSURE THAT ENVIRONMENTAL ISSUES ARE PROPERLY MANAGED AND ALL LEGAL REQUIREMENTS ARE MET.

### **HEALTH AND SAFETY POLICIES**

ANY BUSINESS EMPLOYING FIVE OR MORE PEOPLE HAS, BY LAW, TO PREPARE AND BRING TO THE ATTENTION OF EMPLOYEES A WRITTEN HEALTH AND SAFETY POLICY STATEMENT.

A HEALTH AND SAFETY POLICY USUALLY CONSISTS OF THREE DISTINCT SECTIONS NAMELY:

**GENERAL POLICY STATEMENT** – A SHORT STATEMENT OUTLINING THE ORGANIZATION'S COMMITMENT TO HEALTH AND SAFETY, SIGNED AND DATED BY THE SENIOR ORGANIZATION OFFICIAL (FOR EXAMPLE, THE MANAGING DIRECTOR).

**ORGANIZATION** – HOW THE ORGANIZATION ADDRESSES HEALTH AND SAFETY; LINES OF COMMUNICATION BETWEEN MANAGERS AND STAFF; AND ANY SPECIFIC DUTIES/RESPONSIBILITIES ASSIGNED WITHIN THE ORGANIZATION - THIS SHOULD BE RELATIVELY STRAIGHTFORWARD FOR SMALLER ORGANIZATIONS.

**ARRANGEMENTS** – THE SYSTEMS AND PROCEDURES IN PLACE FOR ENSURING EMPLOYEES' HEALTH AND SAFETY AT WORK





### SHIPPING INSTRUCTION:

1. ALL THE DOCUMENTS SHOULD BE RECORDED IN A CD-ROM OR DVD TO BE SENT TO MOG –JPT – ATTN. CHAIRMAN OF PRE-QUALIFICATION COMMITTEE IN TWO (2) COPIES, WITH A CONSISTENT DOCUMENT LIST ( ON PAPER) ATTACHED.
2. MOG ACCEPTED FILE TYPES ARE: ACROBAT READER (.PDF), MS WORD, MS EXCEL, MS POWERPOINT, MS PROJECT;
3. SHOULD THE DOCUMENTS ELECTRONIC STORAGE BE IMPOSSIBLE, PLEASE SHIP THEM IN HARD COPY BY EXPRESS COURIER;
4. EVERY FILE MUST BE IDENTIFIED WITH AN IDENTIFICATION CODE AND A SHORT NAME (E.G.: A2 – ORGANIZATION CHART.PDF)";
5. IN ANY ENVELOPE CONTAINING THE CD ROMS (OR THE DOCUMENTS) PLEASE QUOTE THE REFERENCES REPORTED IN THE FRAME:

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*Company NAME*  
PRE-QUALIFICATION DOCUMENTATION FOR JPTPQ/011/13  
GAS GATHERING SYSTEM (EPIC)  
NC41-Bahr Essalam phase II Development Project

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