

## **SECTION – V**

### **INSTRUCTIONS TO BIDDERS**

1. **ESCALATION:**

It may be clearly understood that this tender does not contain a price variation clause and, therefore, all unit prices quoted shall be firm and irrevocable and shall not be subject to escalation on any account, whatsoever.

2. **BID INSTRUCTIONS:**

The bid shall be prepared in accordance with the following instructions:

2.1 **Examination:**

Bidders should visit / inspect the work site and shall fully acquaint themselves with the nature and requirements of Work, nature of sites, access to sites, availability of materials, weather, law and order and local conditions etc. before submitting their bids.

2.2 **Bill of Quantities and Rates:**

The quantities specified in the Bill of Quantities (BOQ) are estimated and are intended to serve only as a guide to the Bidders. Payments shall be made on the basis of actual work quantum as measured. No claims shall be entertained on account of increase or decrease in the scope of work. The Bidders shall ensure that their bids are not front-end loaded, which may lead to rejection of their bids.

2.3 **Additions, Deletions and Amendments:**

The Company reserves the right to add, to delete from and / or amend the work defined in Scope of Work / BOQ as deemed necessary before or after the execution of the contract. All such additions deletions and amendments shall only be authorized in writing by the Company's representative.

2.4 **Signing Authority:**

**Bidders shall return all tender documents (including drawings) duly signed on all pages by an authorized representative of the Bidder and shall also carry official stamp of the Bidder's firm.**

2.5 **Material:**

Nil



2.6 **Postal Address:**

The Bidder shall give below office telephone, telex and fax numbers including complete postal address at which correspondence may be sent and all notices may be legally served in connection with his bid and / or ensuring contract with the successful Bidder.

|                |   |       |
|----------------|---|-------|
| Telephone Nos. | : | _____ |
| Fax No.        | : | _____ |
| Address:       | : | _____ |
|                |   | _____ |
|                |   | _____ |
|                |   | _____ |

2.7. **Disqualification / Rejection of Bids:**

Failure to comply with any instruction in the tender documents would render the bid liable to disqualification and rejection.



## **SECTION – III**

### **SCOPE OF WORK**

The company intends to acquire services of a competent 3rd party for the Mechanical Integrity Assessment (MIA) of SMS pipelines using UFD, Visual Inspection, Spot Thickness, Partial A-Scan & Amendments in Isometric Drawing if required as per Actual Site. Bidder is bound to quote as per details of SOW as mentioned below; Contractor scope of work includes but not limited to the followings:

1. Non-intrusive inspection of SMS & MVA pipelines using UFD, Visual Inspection, Spot Thickness & Partial A-Scan as per proven industrial practices to detect all possible metal loss, surface and subsurface defects encountered during service (Miniature Probe is mandatory for small dia. pipelines).
2. NDT methods & Visual Inspection shall cover integrity assessment of below mentioned areas of pipelines.
  - a) 100% of wall thickness using standard grid pattern for Partial A-Scan at any designated point/section of pipeline and readings of all grids should be properly incorporated into the report.
  - b) UFD of 80% weld joints (No. of total joints & No. of inspected joints mentioned) & Spot Thickness as per Applicable Standards.
  - c) 100% Visual Inspection covering pipelines and all accessories & Pitting shall be measured with Digital Pit Gauge with all details as per ASME B31G which are required for calculations. Pitting locations & any area where any deficiency is present, shall be marked on drawings for record purpose.
3. Final report shall include minimum of following details;



- a) Ultrasonic Thickness, UFD, Visual Inspection, Spot Thickness & Partial A-Scan  
Reports containing all necessary details & Accept/ reject of defects with criteria also.
  - b) Detailed Integrity Assessment Calculations in conformance to the API 570 (In-Service Inspection Code) and construction code ASME B31.8 with all observations / findings.
  - c) Report & Certificate by API 570 Certified Inspector regarding Fitness-For-Service based on results of all inspection techniques performed and future recommendations. Amendments in Isometric drawings if required as per actual conditions of Site and locations of all Inspected areas shall be marked on the drawings.
4. The contractor/vendor shall be responsible for the application of TML (Thickness Monitoring Location) stickers at designated inspection points as part of the A-Scan inspection process. All TML markings must be clearly visible, durable, and in accordance with the approved inspection plan.



## SECTION – V

### TENDER FORM

- a. Name of the Company : Sui Southern Gas Company Limited
- b. Name of Work : Mechanical Integrity Assessment (UFD, Visual Inspection, Spot Thickness, Partial A-Scan) of 1 SMS & 2 MVA's in Transmission Network of Karachi Terminal.
- c. Amount of Bid : Rs. \_\_\_\_\_  
(To be filled in by the Bidder)
- d. Date of award of Work : Date mentioned in Letter to Proceed (LTP) issued to the Contractor.
- e. Retention Money : **Five (05%) Percent** of the Contract / Bid Value.
- f. Completion Period : **Four (04) months** from the date mentioned in Letter to Proceed (LTP).
- g. Mode of Payment : As per actual executed quantities
- i. Liquidated Damages : **0.1 % Percent** of contract value for each day of delay subject to a maximum to **Ten 10%**.
- j. Insurance : (CAR) Contract Value + 10%

In the name of \_\_\_\_\_

Dated this \_\_\_\_\_ day of \_\_\_\_\_  
2025.

Signature \_\_\_\_\_ in the capacity of \_\_\_\_\_

Duly authorized to sign the tender for and on behalf of

Witness: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_



## SECTION – II

### MIA PROJECT (UFD, VISUAL, SPOT THICKNESS & PARTIAL A-SCAN OF 2 MVA's & 1 SMS IN TRANSMISSION NETWORK OF KARACHI TERMINAL.

#### BOQ

| S. No. | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | UNIT | QTY             | RATE | TOTAL (Rs.) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------|------|-------------|
| 1.     | <p>To provide services for carrying out Mechanical Integrity Assessment (MIA) i.e. UFD of Weld Joints, Visual Inspection by API Inspector, Spot Thickness &amp; Partial A-Scan of SMS &amp; MVA pipelines having diameter ranging from 1" to 24" max. with all required necessary pre-requisites including manpower, transportation &amp; equipment etc. to complete the job satisfactorily at mentioned locations.</p> <p><b>Note 1:</b> Detailed Integrity Assessment Calculations of each SMS &amp; MVA in conformance to the API 570 (In-Service Inspection Code) and construction code ASME B31.8s, Amendment in Isometric drawings if necessary and locations of all inspections shall be marked on the drawings shall also be included.</p> <p><b>Note 2:</b> All activities as per scope of work attached</p> | No.  | 1 SMS & 2 MVA's |      |             |

#### Contractor Signature & Stamp

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Date: \_\_\_\_\_

