

# **DESIGN, SUPPLY, INSTALLATION, TESTING, INTEGRATION & COMMISSIONING OF COMPLETE SCADA SYSTEM**

**(TENDER IS ON COMPLETE PACKAGE BASIS AND TURNKEY BASIS)**

**(BIDDER SHOULD BE REGISTERED IN PEC WITH C4 OR ABOVE CATEGORY WITH SPECIALIZED CODES CE06, EE03 OR EE04, EE07 OR EE06)**

**(UNDER SINGLE STAGE TWO ENVELOPE BIDDING PROCEDURE)**

**AS PER PPRA RULES 2004**

**TENDER ENQUIRY NO:  
SSGC/LP/EPADS/PT/2105944**

**Bid Closing date & time: 03-03-2026 at 1100 hrs.**

**Bid Opening date & time: 03-03-2026 at 1130 hrs.**

**Supplier must be active in FBR Active Tax Payer List (ATL)  
Sealed quotation of above referred requirement to be submitted in PKR**

## **Venue:**

**Tender Room, CRD Building, Ground Floor**

**SSGC Head office complex Karachi -75300**

**Ph. +92-21-99021024, +92-21-99021173, +92-21-99021116.**

**Earnest Money (Fixed Bid Bond): PKR 296,000/-**

**“Note: Tender document is also available online on SSGC website for view only. Bidder is eligible to participate in bidding process only after purchasing the tender documents from Tender Room SSGC Head Office as per the procedure mentioned in the Press Publication / SSGC website. It is mandatory for bidders to attach original Token Slip in front of the Sealed Envelope (issued at the time of Purchasing) as an evidence that supplier has purchased the Tender documents. Further, any Corrigendum/Clarifications/Addendums/Extensions issued to be notified to only those bidders who have purchased Tender documents.”**

**Sui Southern Gas Company Limited**

**Procurement Department**

**ST-4/B, Block-14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi-Pakistan**

**Phone: +92-21-9902-1279, 1259**

**Fax: +92-21-99231583**

**[www.ssgc.com.pk/ssgc](http://www.ssgc.com.pk/ssgc)**

# Checklist for Bidders

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Enquiry #: \_\_\_\_\_ Opening Date: \_\_\_\_\_ Time: \_\_\_\_\_

M/s, \_\_\_\_\_ Phone No: \_\_\_\_\_

Please Ensure before submitting the bid, that following information/ Documents have been submitted / providing along you bid Check ( ) appropriate box.

S. No.	Details of required information / documents	Yes	No
1.	Fixed Bid Bond as specified in Tender Document		
2.	Original Technical literature is enclosed, if any		
3.	Any change in your current address, Phone Fax no & Email etc intimated		
4.	Bid Validity as specified is mentioned		
5.	Delivery / Completion period has been specified.		
6.	All corrections/cutting/overwriting are signed & stamped		
7.	Sample (if necessary) is enclosed		
8.	Form- X Duly Signed & Stamped		
9.	Each & Every Page of the bidding documents shall be signed and stamped by the bidder.		
10.	Original Bid + One Copy is Submitted		

**Note:**

Non-Availability of the above information/documents, or incomplete/incorrect statement on this checklist may result in rejection of the bid at / after the bid opening.

As per SRO 296(I)/2023 dated 08th March 2023 - E-Pak Procurement Regulations, 2023 - all bidders are advised to register in e-Pak Acquisition and Disposal System (EPADS).



\_\_\_\_\_  
Bidders Authorized Representative



Sui Southern Gas Company Limited

**INVITATION FOR PRE-BID MEETING**  
**SSGC/LP/EPADS/PT/2105944**  
**Design, Supply, Installation, Testing, Integration & Commissioning of**  
**complete SCADA System.**

Dear Sir,

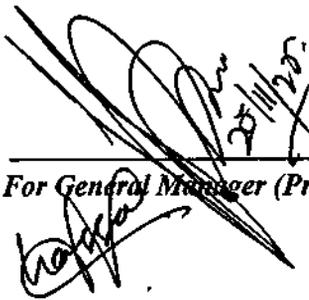
This refers to the subject Tender Enquiry, a Pre-Bid Meeting has been scheduled at 1100 hrs. on Wednesday 10-Dec-2025 at Conference Room, Procurement Department, 2<sup>th</sup> floor SSGC-Head Office, Opposite Expo Center, Karachi.

You are requested to please to attend this Pre-bid meeting:

1. Only One (01) fully authorized person from each bidding Firm is allowed to attend the Meeting in the Conference Room.
2. Cell Phones are not allowed during the meeting.
3. Authorized person from bidder should bring:
  - (a) Original CNIC
  - (b) Authority letter to attend the Pre-bid meeting on their company's letterhead. (Mandatory)

You are requested to kindly follow above instructions in true letter and spirit.

Kindly acknowledge the receipt of this letter at: [mmte@ssgc.com.pk](mailto:mmte@ssgc.com.pk)



For General Manager (Procurement)

## Sui Southern Gas Company Limited (SSGCL)

### Contents

#### Part – A

Section – 1	General Terms & Conditions	Included
Section – 1A	Additional Terms for Tenders on FOB/C&F Basis	Included
Section – 1B	General Terms & Conditions of Services	Included
Annexure–A	Format of Bid Bond Bank Guarantee	Included
Annexure–B	Format of Performance Bank Guarantee	Included
Annexure–C	Declaration by Supplier	Included
Annexure–D	Contract Form	Included
Annexure–E	Sample Submission Form	Included
Annexure–F	Form “Y” Sample Submission Form	Included
Annexure–G	Form “X” Bank Account Detail	Included
Section – 2 (Services)	Special Conditions of Tender Document (Services)	Included

#### Part – B

Section – 3	Price Schedule / Bid Form (Schedule of requirement) / BoQ	Included
Section – 4	Scope of Work / Technical Specification / Drawing	Included
Section – 5	Black Listing Mechanism / Affidavit of Compliance with Integrated Management System (IMS) Manual / Form of Bid Securing Declaration	Included

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SUI SOUTHERN GAS COMPANY LIMITED  
Procurement Department

M/s. \_\_\_\_\_

Tender Enquiry No. \_\_\_\_\_

INVITATION TO BID

Sui Southern Gas Company Limited, (SSGCL) has pleasure in extending you an invitation, to submit bid for the subject material according to Terms and Conditions specified in the attached Tender Document. Please read following instructions before submission of bid:

1. Bids are to be submitted in sealed envelope provided with the tender, indicating Tender Enquiry Number & its opening date and time on the face of the envelope.
2. Bid Bond @ 2% of the total FQR / FOB value shall be enclosed with the bid without which bid will be rejected and returned to bidder unannounced. The Bid Bond shall remain valid till the last date of the month in which it is expiring.
3. In case the bid opening date falls on a holiday or due to some unavoidable circumstances, it is not possible to open on scheduled date, it will be opened on next working day at the same time and at the same venue.
4. The bidder shall bear all expenses associated with the preparation and delivery of its bid/sample and the Company will in no case be liable in this respect.
5. Prospective bidder requiring any information or clarification of the tender may notify the same by fax or at the mailing address. The Company will respond to any request for explanation or clarification, if received within reasonable time prior to submission of bids.
6. The Company reserves the right to cancel, add, delete or amend tendered items/quantities/any part of the tender during the bidding period without assigning any reason. However, bidders shall be informed about it prior to bid opening process.
7. The Company reserves the right to accept or reject any bid or part of a bid or to annul the bidding process and reject all bids at any time prior to award of contract/purchase order without thereby incurring any liability to the affected bidder(s).
8. In case of Single stage two (02) envelope bidding procedure (if mentioned in press advertisement & Tender document), sealed technical offer & sealed bid shall be submitted in separate envelopes Bid Bond will be enclosed with "commercial" bid. "Technical Proposal" and "Financial Proposal" is to be mentioned on the top of the envelope. Technical offers will be opened and evaluated first. Financial offers of only technically compliant bidders will be opened at a later intimated date in presence of bidder's representatives. Financial proposal of technically non-compliant bidders will be returned un-opened along with their bid bond.
9. For Tenders invited on F.Q.B/C&F basis, conditions as mentioned in Section-1A will also apply.
10. The Company will appreciate confirmation by fax No 92-21-99231583 or email at [smte@ssgc.com.pk](mailto:smte@ssgc.com.pk) or to DGM (Procurement) of your intention to submit the bid and if not interested in submission of bid, it will be appreciated if it is intimated through fax or email with mentioning of reasons.
11. Bids are required to be submitted at:

Tender Room, CRD Building, Head Office Complex, Sir Shah Suleman Road Gulshan-e-Iqbal, Karachi  
Pakistan. Ph. 0092-21-99021024, 0092-21-99021223, 0092-21-99021279, 0092-21-99013074,  
Fax # 0092-21-99231583, Email: [smte@ssgc.com.pk](mailto:smte@ssgc.com.pk)

Hope and look forward for your valued participation.

Thanking you

Yours sincerely

  
General Manager (LP)



## General Terms &amp; Conditions

## 1. Submission of bids:

- 1.1. Bids are to be submitted in sealed envelope provided with the tender (in such a manner that contents are fully kept enclosed and cannot be seen until opened) indicating tender enquiry number, its opening date and time on the top of the envelope. Envelopes shall be addressed to General Manager (Procurement Department) on the address provided on "invitation to bid". Envelope shall indicate the name and address of the bidder for returning the bid in case it is declared late or submitted without bid bond.
- 1.2. Sealed bids (as above) shall be mailed/submitted/dropped in tender box placed at Tender Room, CRD Building, SSGC Head Office. Bids are to be delivered on or before closing time after which bid will not be entertained. In case bid is sent through courier, the same shall be delivered at least half an hour before scheduled opening time.
- 1.3. The Company may at its discretion extend the closing date for the submission of bids, in which case all rights and obligations of the purchaser and bidders previously subject to the closing date will thereafter be subject to the date extended. However, any request for extension received from prospective bidders less than one week prior to bid opening date may not be entertained. In case of extension in bid opening date, the same will be advertised in press and simultaneously shall be intimated to prospective bidder who had purchased the tender documents.
- 1.4. The bid shall contain no interlineations, erasures or overwriting except as necessary to correct the errors made by the bidder, in case of any correction etc. it shall be signed and stamped by the person signing the bid.
- 1.5. The quoted price shall be inclusive of all duties/taxes except GST, which is to be mentioned separately. The supplier shall declare (if applicable) regarding non-applicability of GST for which documentary evidence shall be enclosed or could be produced upon demand.
- 1.6. Rates shall be item-wise, as given in price schedule/schedule of requirement/Bid Form unless otherwise specified.
- 1.7. Bidder is responsible for timely delivery of bids at location specified 1.2 above. Company will not be responsible for misplacement/ tampering/non-attendance/delay or any other incident in case the bid is not delivered at the designated place & time.
- 1.8. Any bid received late after the closing date and time, will be rejected and returned unopened.
- 1.9. The quotation shall only be acceptable on/as per Bid Form. In case for foreign tender when Local Agent submits bid on behalf of different bidders, a separate Bid Bond for each Bid is required. Likewise for tender when bidder submit alternative bids a separate bid bond for each bid is required or else bid will be liable for rejection.
- 1.10. Deviation from tender terms and conditions is not allowed. However, in unavoidable circumstances, these shall be mentioned at the bottom of "Section 3: Bid Form" deviation on any other page will not be entertained.
- 1.11. Discount offered (if any) shall be mentioned on the "bid form" only.
- 1.12. The bidder(s) or their authorized representative shall put his full signature with stamp & date on each page of tender document as well as enclosure vis-a-vis drawings, specifications etc. Any correction, overwriting shall be duly signed & stamped.
- 1.13. The bid is to be completed and returned to the Company in accordance with, General terms & conditions. General terms & conditions duly signed & stamped (as a token of acceptance) shall be submitted along with Bid Form (Price schedule) duly completed as per requirement. However, specifications/drawing is to be retained by bidder for their future references.

## 2. Eligible Countries / bidders:

The invitation for bids is open to all manufacturers/suppliers/stockiest/dealers/pre-qualified bidders but is not applicable to those countries where inter trade protocols with Pakistan do not exist or those countries from where imports are not allowed by Government of Pakistan.

## 3. Qualification/Disqualification of Suppliers:

The Company, at any stage ~~may~~ **Please Follow the Attached Black Listing Mechanism**, having credible reasons for or prior the evidence of any defect in supplier's ~~performance~~ **Black Listing Mechanism**, may require the suppliers or contractors to provide information regarding their professional, technical, financial, legal or managerial competence.

**Please Follow the Attached  
Black Listing Mechanism**



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whether already pre-qualified or ~~Company shall disqualify~~ ~~Company shall disqualify~~ a supplier or contractor if it finds, at any time that the information regarding ~~such supplier or contractor~~ ~~such supplier or contractor~~ was false and materially inaccurate or incomplete.

4. **Joint Ventures:**

In the event that the successful bidder is a joint venture (formation of two or more companies), the Company will require an undertaking on judicial stamp paper that the parties to the joint venture accept joint and several liabilities for all obligations under the purchase order/contract.

5. **Clarification of tender documents:**

Prospective bidders requiring any further information or clarification of the tender documents may notify, the Company in writing or by fax or at the Company's mailing address indicated in the "invitation to bids". The Company will respond in writing to any request for information or clarification of the tender documents, if received five working days prior to closing date for the submission of bids prescribed by the Company. The Company response (including an explanation of the query) will be sent in writing or by fax/e-mail to all prospective bidders who have purchased the tender documents. Verbal instructions/reference will not be acceptable.

6. **Modification and withdrawal of bid:**

- 6.1 The bidder may modify or withdraw its bid after the bid submission, provided the written notice of the modification or withdrawal is received by the Company prior to the deadline prescribed for submission of bid. After the bids/quotations are opened, no bidder shall be allowed to revise, propose or request any change in the bid.
- 6.2 The bidder's modification or withdrawal notice shall be sealed and addressed to GM (P). A withdrawal notice may be sent by fax followed by a signed copy.
- 6.3 Bids once opened cannot be withdrawn during validity period.

7. **Bid validity:**

All offers shall remain valid up to 90 days (120 days in case of Two Envelope bidding procedure) from the date of opening of bids, until any further extension agreed by the bidder. If the bidder agrees for extending bid validity the bid bond shall also be extended accordingly. A bidder giving extension to his bid validity will not be required or permitted to modify his bid. If there will be any query/clarification or extension request asked by the Company, the bidder should reply the same within 7 days after receipt of the same and if bidder takes more than 7 days the delay in reply will be added to their bid validity period.

8. **Rate Escalation:**

8.1 **All items except line-pipe:**

Quoted prices shall remain valid, firm, irrevocable and fixed till the fulfillment of obligations by the bidder and will not be subject to escalation / change on any account.

8.2 **Line-pipe only:**

- 8.2.1 Bidders are essentially required to submit detailed breakdown of rates indicating per ton price of:
  - a) H.R. Coil.
  - b) All other charges (including wastage, transportation, conversion cost etc).

8.2.2 Rate / price offered by the bidders shall be firm and irrevocable. However bidder offering pipe manufactured from Pakistan Steel Mills (PSM) HR coil are required to submit certified documentary evidence of HR coil rates. Adjustment in line-pipe rates (from the bid opening date till the currency of order) due to change in rate of HR coil manufactured by PSM is admissible to the extent of raw material cost without wastage. The bidders are required to submit certified documentary evidence of HR coil rates published by PSM, at the time of submission of bids. SSGC may verify the document / rates from PSM.

- 8.2.3 The variation clause however shall not be applicable on line-pipe quantities which were delivered within 20 days of the announcement of the variation (both days inclusive) in price of HR coil by PSM.



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8.2.4 The variation clause also shall not be applicable on the line pipe quantities delivered after the specified delivery schedule (total or monthly consignment wise)

8.2.5 No escalation is applicable on line pipe manufactured from imported HR coil.

9. Bid bond (earnest money):

Bid bond equivalent to two percent (2%) of the total offer value, in favor of Sui Southern Gas Company Ltd. shall accompany the bid if bid value is above Rs.500,000 in the form of pay order, demand draft, call deposit receipt or a bank guarantee (specimen of bank guarantee is attached at Annexure-A), issued by a scheduled bank in Pakistan. The bid bond shall remain valid for 120 days (150 days in case of Two Envelope bidding procedure) unless specified otherwise. The bid bond shall be returned/refunded to the unsuccessful bidders while the bid bond of the successful bidder shall be retained, till submission of Performance bond (if applicable). Bids without bid bond will not be considered. In case the order value is less than Rs: 500,000 the bid bond in lieu of performance bond will be retained till fulfillment of obligations by the supplier. However, in either case the bidder is responsible to arrange the extension the bid bond validity as per requirement. If bid bond submitted by the supplier is more than 2% of ordered value, it may be replaced with appropriate value. If order value is less than Rs. 500,000, the bid bond will be returned along with the order. Bid bonds of non-compliant bidders may be released during evaluation process. The bid bond may be forfeited if a bidder withdraws the bid during validity period specified by the bidder or if successful bidder fails to:

- Accept purchase order,
- Furnish performance guarantee in accordance with clause 16 of Section 1,
- Supply material as per requirement and delivery schedule.

9.1 In the event of bid bond validity following short of the prescribed period of 120 or 150 days as the case may be either (i) due to extension in the bid submission date or (ii) where so required by the procuring agency, then in such an event it shall be mandatory on the bidder to extend the bid bond validity upto 120/150 days within 30 days of the opening of technical proposal / bid, and / or where so required by the procuring agency.

9.2 In the event of the bid security amount deposited / furnished by the bidder falls short by 10% of the requisite Bid security amount. The procuring agency keeping in view the nature of the procurement may consider and allow the bidder to deposit / furnish the balance 10% amount, provided the bidder does so within 15 days of the opening of the bid. Notwithstanding that all other terms & conditions have been fully complied with.

10. Opening of bids:

Bids will be opened in presence of bidders or their authorized agents at the address provided on "invitation to bids". The bidder's representatives who are present shall sign the bid opening sheet (attendance sheet) to mark their attendance/witness. Commercial contents of bids will be announced/recorded in bid opening sheet.

11. Preliminary Examination of bids:

- 11.1 The Company will examine the bids to determine their completion, computational errors, provision of guarantees, authorized signature and other related matters.
- 11.2 Arithmetic errors will be rectified on the following basis. Discrepancy between unit price and the total price obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price will be corrected. Discrepancy between total bid amount and the sum of total prices, the total prices shall prevail and the total bid amount will be corrected.
- 11.3 Prior to a composed evaluation, the Company will determine the substantial responsiveness of each bid to the bidding documents. In Company's opinion a substantially responsive bid is the one which conforms to all the terms and conditions of the bidding documents without any material deviation.
- 11.4 Bid determined as not substantially responsive will be rejected by the Company and cannot subsequently be made responsive by the bidder through correction of the non-conformity.



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12. **Clarification of submitted bids:**

To assist in the examination, evaluation and comparison of bids, the Company may at its discretion inquire any clarification from bidder about their bid. All responses by bidders shall be provided in writing and no change in the price or substance of the bid shall be sought, offered or permitted.

13. **Technical Literature & Samples.**

The Bidder(s) shall submit the following.

13.1 Samples (if applicable/required)

13.2 Original or legible copy of technical literature/performance characteristics

13.3 Test Certificates (if applicable/required)

13.4 Documentary evidence for legal import in case of imported material. (At the time of delivery when quoted on FOR basis)

13.5 In case of pipeline operation material bidders must also attach a "proof from supplier/ manufacturer, that goods offered have been used successfully on a high pressure natural gas pipeline elsewhere under tropical climatic conditions.

13.6 **Specification Compliance Sheet:**

Company requires a clause-by-clause commentary on the Specifications, demonstrating the materials responsiveness to those specifications or a statement of deviations and exceptions to the provisions of the specifications, if so required/desired. For purposes of the commentary to be furnished pursuant to above, the bidder shall note that standards for workmanship, material and equipment and references to brand names or catalogue numbers, designated by the Company in the specifications are intended to be descriptive only and not restrictive. The bidder may substitute other authoritative standards, brand names and/or catalogue numbers in its bid provided which demonstrates to the Company's satisfaction that the substitutes are equivalent or superior to those designated in the specifications by the Company.

Bid which does not possess above documents, certificates etc., may be considered technically Non-compliant.

13.7 The offer shall be accompanied with all technical data/documents/certifications as required under the tender specifications. Evaluation shall be carried out on the basis of data/ documents/certifications submitted with the bid. No clarification, additional information may be sought / accepted after bid opening.

13.8 **Deviation to technical specifications:**

The bidder shall fill the "technical compliance sheet" and mention offered specifications along with reference to its technical brochure/literature (page/clause No,etc). Statement such as "Compliant" or "Confirmed" is not acceptable. Deviation to tender terms and technical specification is not acceptable. However, if bidder feels to mention minor deviation, the same shall be referred categorically on the "Bid Form" as well as on the technical compliance sheet stating reference of its technical data sheet/brochure. In case of insufficient information, data or documents, the Company is not liable to seek clarification and the bid may be determined non-compliant on provided information.

14. **Award/Evaluation Criteria:**

14.1 In case of locally manufactured items e.g. service line material & meter components, manufactured by local vendors, the lowest bidder will be awarded maximum quantity as per his declared capacity and past performance in respect of delivery and quality. New vendors / manufacturers shall also be considered for placement of a purchase order up to a maximum of 10% of the tender quantity if their submitted sample has been tested and approved and provided they have quoted lowest price or agree to accept the order on lowest received price.

14.2 Generally for other items other than above, ordering shall be based on technical compliance and lowest quoted price. Supplies may be subject to pre shipment inspection and post qualification by a third party in case of foreign material. If required during the process of manufacturing and / or inspection, SSGCL representative may visit the manufacturer facility to witness the manufacturing / inspection process.



- 14.3 Evaluation may be carried out both on item or on group of items/single or multiple package basis depending upon the nature of requirement exclusively at the discretion of the company to ensure economic procurement.
- 14.4 Company reserve the right to settle the final terms of supply with the lowest evaluated and commercially responsive bidder. Any effort by the bidder (s) to influence the outcome of bid evaluation or placement of purchase order may result in disqualification of the bidder.

#### 15. Loading of Bids:

Bids may be loaded with following if offer found to be deviated from specifications, delivery schedule, terms & conditions without stating the amount involved in such deviation by following method:

- 15.1 The cost of compensation /loading amount for that item shall be derived from the bid itself.
- 15.2 If 15.1 is not possible, average of rates of other bidders, who have quoted for that item conforming to technical specification, shall form the basis for cost compensation/loading.
- 15.3 The company will encourage participation by local bidders who will be given price preference. Landed cost factor shall be determined as per prevailing Government policy / SRO. However they will submit details of local value addition on raw material imported by them and percentage of locally manufactured component with documentary evidence.

#### 16. Performance Bond:

- 16.1 In case purchase order value is above Rs:500,000, the successful bidders shall submit performance bond guarantee which is to be submitted within ten days from receipt of LOI or order along with integrity pact. The successful bidders shall submit a performance bank guarantee (PBG) in the form of a pay order or bank guarantee (specimen attached at Annexure-B) issued by a scheduled bank in Pakistan, for an amount equivalent to 10% of the total value of the purchase order or as specified, in the "letter of intent". The performance bond unless specified otherwise; shall remain valid till:
- 16.1.1 Completion of final satisfactory delivery in case of consumable items.
- 16.1.2 12-18 months from the date of satisfactory delivery of the equipment/machinery.
- 16.1.3 Satisfactory delivery/installation of system in case the installation responsibility is on supplier's part.
- 16.1.4 120 days in case of chemicals.
- 16.1.5 In case of locally manufacturing item, the PBG equivalent to 3 months delivery schedule will be required after placement of purchase order which should remain valid till completion of final satisfactory delivery of the ordered quantity.
- 16.1.6 In case of small diameter line pipe (MS/MDPE) the PBG shall remain valid up to 3 months after completion of satisfactory final delivery.
- 16.1.7 In case of Vehicles, Manufacturer's Warranty is required in lieu of PBG.
- 16.2 The guarantee will be released after completion of this period, subject to satisfactory performance of the supplied equipment/machinery/system as mentioned at 16.1 above. The supplier shall keep the guarantee valid at their cost until fulfillment of the obligations.
- 16.3 In case the bidder does not submit the performance bond as specified, the delivery time of goods shall be deemed to have commenced 10 days (15 days in case of import) from the issuance of letter of intent/purchase order. The proceeds of the performance bond shall be payable to the Company as compensation for any loss resulting from the supplier's failure to complete its work under the purchase order/ contract. The validity period of the performance bond is to be extended if the delivery date/period is being extended mutually by the Company/Supplier.
- 16.4 The performance bond will be discharged / returned by the Company not later than thirty (30) days following the date of completion of the supplier's work under the purchase order/contract including any warranty/guarantee/performance obligations as specified in the special conditions of contract. The supplier shall not be absolved of their liability to perform in case of encasement of performance bond by the Company, who shall have the right to claim and receive all damages/losses incurred due to non-performance.
- 16.5 The Company shall promptly notify the supplier in writing for any claim arising under this guarantee. Upon receipt of such notice, the supplier shall promptly repair or replace the defective goods or parts thereof, without cost to the Company other than, where applicable the cost of inland delivery of the repaired or replaced goods or parts from the port of entry to the final destination.



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- 16.6 If the supplier, having been notified, fails to rectify the defect (s) in accordance with the purchase order/contract, the Company may proceed to take such remedial actions as may be necessary at the supplier's expense. Any amount payable by the supplier under this clause may be recovered by the Company, by withdrawing from the performance bond without having to notify or seek the approval of the supplier.
- 16.7 Nothing herein contained shall be construed to limit supplier's obligation of performance of the order/contract to the value of the performance bond.
- 16.8 **Guarantee/Warranty:** In case where performance guarantee is not applicable, the supplier shall confirm that all supplied goods under the contract/purchase order are new, unused, of the most recent or current models and incorporate all recent improvements in design and goods unless provided otherwise in the contract/purchase order. This guarantee shall remain valid for a period of twelve to eighteen months after the goods have been delivered or commissioned.
17. **Purchase Order/Contract:**  
Purchase order of quoted material may be placed on fulfillment of conditions mentioned at 14 & 16 above which is through formal confirmation for proceedings with the suppliers.
18. **Assurance:**  
The successful bidder will be required to give satisfactory assurance of its ability and intention to deliver the goods, pursuant to the tender enquiry and contract within the time set forth therein.
19. **Force Majeure:**
- 19.1 In the event of either party hereto being rendered unable, wholly or partially, by force majeure circumstances to carry out its obligations under the purchase order/contract documents, such party shall give notice and full particulars and other satisfactory evidence of such force majeure circumstance(s) in writing or by fax to the other party within 7 days after the occurrence of the cause(s). Relied upon the obligations of the party giving such notice so far as they are affected by such force majeure shall be suspended for the period during cause(s) shall, as far as possible, be remedied and obviated with all reasonable dispatch. The term 'force majeure' as employed herein, shall mean acts of God or public enemy, civil insurrection, fires, floods, earthquakes or other physical disasters, order or request of governments, blockade or embargo. It is, however, clarified that strikes, lockouts, shortage or non-availability of raw materials, rains, and disturbances, other labor disputes or congestion's in ports on the supplier's side shall not be included in the term 'force majeure'.
- 19.2 In case the force majeure contingencies last continuously for more than one month, both parties will agree on the necessary arrangements for the further implementation of the purchase order/contract. In case further implementation is unforeseeable and impossible, both parties shall arrange for the termination of the purchase order/contract, but without prejudice to their rights and obligations prior to such termination it being understood that each party shall fulfill its contractual obligations so far as they have fallen due before the operation of force majeure.
20. **Amendment in purchase order/contract:**
- 20.1 The Company may at any time by a written notice to the supplier make changes within the general scope of the purchase order/contract in any one or more of the following:-
- 20.1.1 Drawings, designs or specifications where goods to be furnished under the purchase order/contract are to be specifically manufactured for the Company.
- 20.1.2 The method of shipment or packing.
- 20.1.3 The place of delivery.
- 20.1.4 Quantities of item up to a maximum variance of +15% of purchase order/contract value.
- 20.2 Company reserves the right to increase/decrease the quantities or delete any or all items listed in the price schedule/schedule of requirement/bid form without assigning any reason.
- 20.3 Upon notification by the Company of such modifications the supplier shall submit to the Company an estimated cost for the proposed modification within ten (10) calendar days of receipt of notice of the modification and shall include an estimate of the impact (if any) of the modification on the delivery dates under the purchase order/contract, as well as a detailed schedule for the completion of the modification, if applicable.



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- 20.4 The supplier shall not perform modification in accordance with clause 20.1 above until the Company have authorized a modification order in writing on the basis of the estimate provided by the supplier as described in clause 20.3.
- 20.5 Modification mutually agreed upon shall constitute a part of the work under the purchase order/contract and the provisions and conditions of the contract shall apply to the said modification.
- 20.6 If modification made by the Company results in a variation in purchase order/contract quantities whose net cost effect is within 15% of the total value then the original purchase order/contract rates would be applicable. Any "modification" affecting the quantities and the corresponding cost effect beyond 15 percent would be mutually agreed upon between the Company and the supplier.

**21. Extension in delivery period:**

- 21.1 Delivery of the goods shall be made by the supplier in accordance with the schedule of requirement and delivery period; however, the supplier may claim extension of the time limits as set forth in the schedule of requirements and delivery period in case of
- 21.1.1 Modification in the goods ordered by the Company pursuant to clause 20.
- 21.1.2 Delay in provision of any services which are to be provided by the Company (services provided by the Company shall be interpreted to include all approvals by the Company under the contract).
- 21.1.3 Delay in performance of work caused by orders issued by the Company.
- 21.2 The supplier shall demonstrate to the Company's satisfaction that it has used its best endeavors to avoid or overcome such causes for delay and the parties will mutually agree upon remedies to mitigate or overcome such causes for delay.
- 21.3 Notwithstanding clause 21.1 above, the supplier shall not be entitled to an extension of time for completion unless the supplier at the time of such circumstances arising, immediately has notified the Company in writing of any delay that it may claim as caused by circumstances pursuant to clause 21.1 above and upon request of the Company, the supplier shall substantiate that the delay occurred is due to the circumstances referred by the supplier.

**22. Packing:**

- 22.1 The material shall be in original/sealed packing to ensure delivery without any damage during transit.
- 22.2 If any of the good is discovered to be damaged or unacceptable at the point of embarkation, the supplier shall be responsible for replacement of those goods free of any charge and cost to the Company, within the delivery time schedule of the contract/purchase order.
- 22.3 The identification marks showing contents, quantity and contract/purchase order number shall be printed on each skid/metal container/case containing one copy of invoice & packing list.
- 22.4 **Handling and Transportation:**  
The Supplier shall arrange for the proper stacking of the Goods and for its proper storage and lashing and for other such provisions/suitable measures as may be necessary to safeguard against movement and damage to the Goods from the point of loading to its designated destination.

**23. Inspection:**

- 23.1 Pre-delivery inspection may be carried-out at the premises of supplier(s) and/or post delivery inspection at company's any location, by the appointed inspector/inspection team, third party inspectors appointed by the Company.
- 23.2 The Company reserves the right to arrange inspections and tests to the goods or manufacturing processes at any stage at any of the premises of the supplier or its subcontractor(s) or and at the point of delivery; and at the goods final destination. Where conducted on the premises of the supplier or its sub-contractor(s), all reasonable facilities and assistance including access to drawings and production data shall be furnished to the inspector at no charge to the Company. Such inspection, however, shall not relieve the Supplier to fulfill the obligations under the



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purchase order/contract. If goods fail to conform to the specifications, the Company may reject them.

**24. Delivery:**

- 24.1 Free delivery at any of the following locations, unless specified otherwise:
- 24.1.1 R & D Section, Stores Department Abul Hasan Isphahani Road, Karachi
  - 24.1.2 R & D Section, Stores Department F-37, SITE Karachi.
  - 24.1.3 R & D Section, Stores Department F-76, Dope Yard SITE, Karachi.
  - 24.1.4 Meter Manufacturing Plant, Sir Shah Sulaiman Road, Gulshan-e-Iqbal Karachi.
  - 24.1.5 Khadeji Store, 57th Kilometer at Super Highway Karachi.
  - 24.1.6 Any other location specified by the company.
- 24.2 Delivery period shall commence after 10 days (15 days in case of import) of the issuance of letter of intent or from the date of purchase order/contract whichever is earlier, unless otherwise specified.
- 24.3 The supplier shall replace defective material at their risk & cost including transportation, duty, taxes etc.
- 24.4 GST Invoice if applicable be submitted at R&D section Stores Department along with material & delivery challan.
- 24.5 Unloading and stacking through cranes, fork lifters, labor etc. will be arranged by supplier at delivery site (for material like Pipes/Heavy Machinery & Equipment etc).
- 24.6 Delivery is to be made strictly in accordance with "delivery schedule" as specified by the Company.
- 24.7 The rejected material is to be collected/lifted by the supplier within a maximum period of one month after its intimation by the Company. Beyond specified period, the Company shall not be responsible for storage/safety of the uncollected material.

**25. Delivery Failure:**

- 25.1 In case the supplier fails to supply/ship the material within the stipulated period, the Company have the right to make an alternative arrangement for the purchase of the goods on such terms as may be offered. In such event all losses, cost and charges sustained/incurred by the Company on stated purchase shall be recovered from the Supplier without prejudice to any other right or remedy available to the Company which includes recovery of losses sustained by the Company from any due payment of the said supplier.
- 25.2 In the event Company remains unable to make such alternative arrangements, the Company has the right to recover from the supplier any or all losses sustained as a result of the supplier's failure to ship/supply the goods as per schedule of delivery.
- 25.3 In the event Company being forced to purchase any quantity or any other alternative not specified in this document as a result of any failure to supply/ship the material, the Company shall have the right to terminate the contract/purchase order without prejudice to any other rights or remedies available to the Company.

**26. Payment:**

- 26.1 The supplier after delivery of goods and its acceptance shall submit invoice to Finance Department of the Company, containing following information i.e.
- (a) Purchase order No. & date
  - (b) Items
  - (c) Quantity
  - (d) Price
  - (e) Invoice value
  - (f) Point of delivery
  - (g) Delivery challan indicating delivery date, etc.
- Payment will be made within 30 days of completion of stated formalities.

- 26.2 Income Tax @ 3.5% or as applicable under the prevailing government rules will be deducted at source (except where the supplier provides an income tax exemption certificate). Quoted price shall be inclusive of all taxes, except GST, which shall be mentioned separately. Supplier(s) are required to submit signed and stamp acknowledgement slip, Sales Tax return, Annex "C" & Annex "I" (whichever applicable) in which Sales Tax (of relevant Sales Tax invoice) is paid.



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26.3 In case supplier is not liable to pay tax under the income tax ordinance or is liable to pay tax at a lower rate the supplier shall obtain a certificate from the tax authorities in Pakistan to that effect. In case the required certificate is not produced by the supplier prior to the date of payment, then the Company shall deduct tax at source from the gross payment payable to supplier.

27. Liquidated damages:

27.1 If supplier fails to deliver ordered material within the stipulated period/scheduled time specified in purchase order, Company, without prejudice to any other remedies, shall deduct from the bill or any other due payments/guarantees, as liquidated damages, a sum equivalent to 0.1% per day of the undelivered goods up to maximum 10%. The liquidated damages shall also be applicable for the cancelled quantity of goods under clause 28.

27.2 Whenever liquidated damages become payable, in the event that delivery of all goods and equipment is not made within the time period specified except on account of force majeure, the Company shall quantify the same and shall serve notice to the supplier requiring payment thereof. If the supplier fails to remit payment within 15 days of receipt of such notice, the Company shall forth-with become entitled to recover the same without recourse to the supplier, by calling upon The Performance Bond, withdrawals by way of liquidated damages shall not reduce the value of the Performance bond.

27.3 The payment of liquidated damages shall not relieve the supplier from performing and fulfilling all its obligations under the contract/purchase order nor shall the right and entitlements of the Company be affected or reduced in any manner.

27.4 In case of order placed on FOB/C&F basis, the delivery period shall commence from the date of confirmation of L/C. However, delayed submission of PBG period in excess of time limit will be deducted from the delivery period for the purpose of recovery of late delivery charges.

27.5 The liquidated damages shall be the sum equivalent to point one (0.1%) percent of the Contract price of the delayed goods as unperformed services for each day of delay, until actual delivery or performance, up to a maximum deduction of ten (10) percent of the Contract price. Once this maximum is reached, the Company may consider termination of the Contract at the risk and cost of the Supplier.

28. Default by Supplier:

28.1 The Company may, without prejudice to any other remedy by written "notice of default" sent to the supplier, cancel the purchase order whole or in part; if:

28.1.1 The supplier fails to deliver any or all of the ordered quantity as per specified delivery schedule or any extension thereof granted by the Company

28.1.2 The supplier fails to perform any other obligation(s) under the "purchase order".

28.1.3 The Company during the delivery period has reasons to believe that the supplier will not be able to fulfill the obligations under the purchase order/contract.

The Company prior to exercising its right to cancel the purchase order/contract shall issue notice to the Supplier specifying the default(s) and the supplier shall submit an explanation within seven (07) days of receipt of such notice. If such explanation is not furnished within the stipulated time or if so furnished, is found to be unsatisfactory and/or the default(s) continues, purchase order/contract may be cancelled. The Company in addition to cancellation of purchase order/contract may suspend/cancel the enlistment of supplier.

28.2 The Company shall have the right to terminate/cancel the contract/purchase order concluded between the supplier and Company; if:

28.2.1 The successful bidder fails to furnish the performance bond as under clause 16 thereof.

28.2.2 The supplier fails otherwise to perform, fulfill or comply with terms, conditions, regulations and requirements of the contract/purchase order to carry out the work in accordance with the provisions thereof or abandons the shipment

28.2.3 The supplier becomes bankrupt or insolvent or makes an assignment for the benefit of its creditors.

28.2.4 One or more consignments of material delayed by a period of more than three months or non-supplied.

28.2.5 Rejection of manufacturing items as a result of observation by inspection team.



- 28.2.6 Penalty on higher rejection rate of supplied goods.
- 28.3 The supplier shall have the right to terminate the contract/purchase order if:-
- 28.3.1 The Company fails to establish the "letter of credit" within the stipulated period as required.
- 28.3.2 The Company becomes bankrupt or insolvent or makes an assignment for the benefit of its creditors.
- 28.3.3 The Company is in default and breach of its obligation and liabilities under the contract/purchase order.
29. **Resolution of dispute:**  
The Company and the supplier shall make every effort to resolve the disagreement or dispute arising between them amicably by direct discussion under or in connection with the purchase order/contract.
30. **Applicable law:**  
The purchase order/contract shall be governed by and interpreted in accordance with the laws of the Islamic Republic of Pakistan.
31. **Declaration/Integrity Pact/Certification:**
- 31.1 Successful supplier shall furnish the declaration (specimen attached at Annexure-C) within 10 days after issuance of LOI/order /contract if the order/contract value becomes Rs:10 million or above.
- 31.2 In case of F.O.B/C&F Purchase order/Contract, the Principal as well as "local agent" both will sign the "integrity pact" as required under this clause.
- 31.3 Bidders to submit a certificate on Rs:100/- non-judicial stamp paper certifying that they are not black listed by the Government/Autonomous bodies and declared as defaulted supplier.
32. **Arbitration/resolution of disputes:**
- 32.1 Any difference or dispute arising out of or in connection with the contract between the Company and the supplier which can not be amicably resolved shall be referred to arbitration in Karachi, Pakistan, to two arbitrators, one appointed by each party of such difference/ dispute. In case the judgment of the said Arbitrator being at variance, the matter shall be referred to an "umpire", who shall be appointed by both the side Arbitrators. The umpire shall be retired judge of a High Court or the Supreme Court of Pakistan. Such arbitrators and umpire shall together proceed to adjudicate the disputes in accordance with the Arbitration Act, 1940, as amended from time to time.
- 32.2 Prior to exercising any right by the Company or supplier to terminate the purchase order/ contract under the conditions stipulated above, a return notice shall be required to be given to the other party specifying such default(s) and calling for submission of an explanation within seven (7) days of receipt of such notice. If such explanation is not furnished within the stipulated time or if so furnished, is found to be unsatisfactory, and the default(s) continuous, the purchase order/contract be terminated with notice to other party.
- 32.3 The agreement shall be governed by Law of Islamic Republic of Pakistan and the arbitration language shall be English.
- 32.4 During the course of arbitration, the supplier shall not suspend the performance of his responsibilities and obligations under the contract unless authorized by the Company in writing to do so.
- 32.5 In addition to the remedies as stated above, there is a "grievance committee" formed by the Company which can be approached by supplier in case of non-settlement of issues at any stage if supplier feels that settlement is not insight or not justified.
33. **Redressal of grievances by the procuring agency:-**
- 33.1 Grievance Committee is in place to address the complaints of bidders that may occur prior to entry into the procurement contract.
- 33.2 Aggrieved bidder may lodge a written complaint concerning his grievances not later than fifteen days after the announcement of the bid evaluation report.
- 33.3 Bidder is to submit complaint on letter head duly signed by the authorized person. Tender reference, details / nature of complaint, complainant active telephone, cell, postal address, email



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address must necessarily be provided. Incomplete / anonymous complaints will not be responded at all.

33.4 The Committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint

33.5 Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

34. **Blacklisting of Suppliers and Contractors:**

The Company shall permanently blacklist or temporarily debar (at least for 6-months from participating in SSGC's tender proceedings) if, a supplier or contractor who either constantly fails to perform satisfactorily performance or found to be indulged in corrupt and fraudulent practices as defined below:

34.1 Corrupt and fraudulent practices include the offering, giving, receiving, or soliciting of anything of value to influence the action of an official/Company.

34.2 If the supplier/contractor found responsible for the detriment of the Company during proceedings of procurement/contract, prior to its execution.

34.3 Misrepresentation of facts or attempt to influence the procurement process or the execution of the purchase order/contract.

34.4 Collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non- competitive levels and to deprive the Company of the benefits of free and open competition.

35. **Supplier's Guarantee and Responsibilities:**

The Bidder/Supplier shall guarantee that the materials supplied against this tender enquiry is new and is of acceptable quality and has been tried and approved on similar jobs. The validity and scope of such guarantee will be in accordance with conditions stated in this document. In case the opinion of the Company the Goods fail to perform the services in accordance with the specifications specified in Section IV due to manufacturing defects/defective material and/or workmanship, the Supplier shall replace, repair or reconstruct such Goods at his own cost in Pakistan wherever the Goods shall be located so that such Goods shall be restored to such conditions that it shall perform in satisfactory operating condition or to replace it with new Goods at Supplier's cost so that the goods shall perform in accordance with the specifications and details as set forth in the Contract/tender documents. If the Supplier shall fail to do so after expiry of 15 days notice to this effect served on him by the Company, the Company shall be at liberty to repair, replace and/or reconstruct the Goods at its costs provided in the event, the Company shall be entitled to recover total cost of such replacement from the Supplier withdrawing from the Performance Guarantee.

36. **Language:**

The bid prepared by the bidder and all correspondence and documents relating to the bid exchanged by the bidder and the Company shall be written in English language. Any printed literature furnished by the bidder may be written in another language provided that this literature is accompanied by an English translation in which case for purpose of interpretation of the bid, English translation shall govern.

37. **Vehicle Applied by Authorized dealer of local manufacturer :**

In case of vehicle supplied by authorized dealer of local manufacturer, the authorized dealer will be responsible to get the vehicle (s) registered through Excise Department Government of Sindh and provide Original Registration book / Original Registration Invoice / Tax payment receipt / other related documents & provide the vehicle (s) number plate (s) to SSGC. Registration fee will be reimbursed by SSGC subject to submission of Government of Sindh Excise Department receipt.

Please follow the Attached Black Listing Mechanism



## Additional Terms for Tenders on F.O.B/C&amp;F basis:

## 1. Submission of bids:

- 1.1 Bid bond (Earnest money) @ 2% of the total F.O.B value as per clause 9, of section 1 of "General terms & conditions" is required to be submitted with the bid. It may be noted that bids without bid bond will be rejected and returned to bidder.
- 1.2 In case the bidder is manufacturer the bid shall either be completely prepared by the foreign bidder including signing and stamping of all documents. In case, such documents are being signed by the local agent of the bidder, the bid shall essentially include supplier's original Performance invoice and an original authority letter in favor of local agent to sign the documents on their behalf. The bid is liable for rejection if these conditions are not met.
- 1.3 In case of Bidder offering to supply goods which the bidder did not manufacture or otherwise produce, the bidder shall be duly authorized by the goods manufacturer or the producer to submit bid or supply the goods on their behalf.
- 1.4 Bids shall be submitted (preferably through local agents) in two copies, (original + copy).
- 1.5 The price on unit FOB and C&F basis is to be quoted separately. Following are to be essentially indicated in the bid form:
  - 1.5.1 Country of origin.
  - 1.5.2 Port of shipment.
  - 1.5.3 Estimated gross/net weight, dimension & volume of offered item and estimated weight of each item.
  - 1.5.4 Delivery period or schedule in case of bulk quantities.
  - 1.5.5 Original technical literature.
  - 1.5.6 Beneficiary's complete address.

1.6 Foreign bank charges and L/C confirmation charges will be borne by the supplier.

## 1.7 Bid Currency:

The rates shall be quoted in bidder's home country or in United States Dollars. A bidder expecting to incur a portion of its expenditures in the performance of the contract in more than one currency and wishing to be paid accordingly shall indicate the same in their bid. However, bidder from Pakistan would be paid in Pak Rupee.

(Clause 1.5 of General Terms & Conditions is not applicable)

## 2. Bid bond:

- 2.1 Bid bond shall be equivalent to two percent (2%) of the total F.O.B value, in favor of Sui Southern Gas Company Limited and shall be in the form of pay order, demand draft, call deposit receipt or a bank guarantee (specimen attached at Annexure-A), issued by a scheduled bank in Pakistan. The bid bond shall remain valid for 120 days (150 days in case of Single Stage Two Envelope bidding procedure) unless specified otherwise. The bid bond shall be returned/refunded to the un-successful bidders while the bid bond of the successful bidder shall be retained, till submission of Performance bond. Bids without bid bond will not be considered. In case the order value is less than US\$25,000 the bid bond in lieu of performance bond, will be retained till fulfillment of obligations by the supplier. However, in either case the bidder is responsible to arrange the extension of bid bond validity as per requirement. If bid bond submitted by the supplier is more than 2% of ordered value, it may be replaced with appropriate value. Bid bonds of non-compliant bidders may be released during evaluation process. The bid bond shall be denominated in the currency of the bid or any other freely convertible currency.

2.2 Bid submitted on behalf of different principals shall be required to submit separate bid bond along with the bid for each offer.

(Note as mentioned at Clause 9, 9.1 & 9.2 of General Terms & Conditions shall also apply).

## 3. Conversion to single currency:

In order to carry out evaluation and comparison, the Company will convert all bid prices expressed in various currencies to Pak Rupees at the buying exchange rates established by the State Bank of Pakistan or any other commercial bank in Pakistan for similar transactions on the date of opening of bids. In case of Two Envelope Bidding System, the exchange rates prevailing at the time of opening of Technical Proposals will be used for conversion and evaluation.



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4. Evaluation Criteria:

- 4.1 The evaluation of bids will be carried out on C&F / landed cost basis, however purchase order will be placed on FOB price on freight to collect basis. The bidders are required to submit best freight charges obtained by them from Pakistan National Shipping Corporation (PNSC) in order to have a uniform basis to arrive at C&F cost. Bill of lading to indicate "freight payable by the consignee at destination" in local currency. Foreign currency exchange rate (selling) will be considered as of bid "opening date".
- 4.2 In the case of goods to be offered from outside Pakistan, custom duties and other similar import taxes which are applicable shall be added to the bid.
- 4.3 In case shipment by air it shall be arranged through Company's airfreight forwarder (s) or their nominated agent. "on freight to collect basis".

(Clause No. 14.3 to 14.4 of General Terms & Conditions are also to be applicable).

5. Loading of Bids:

Freight charges from port of loading up to Karachi port or unit C&F value must be indicated in bid form, falling, which bid will be loaded by 5 to 10% freight charges. Bid will be declared non-compliant if loading results an extensive increase in price of material.

(Clause 15 of General Terms & Conditions is also applicable).

6. Performance bond:

- 6.1 In case purchase order value is US\$25,000/- or above or equivalent for other currencies, letter of intent will be issued to successful bidders for submission of performance bond guarantee which is to be submitted within 15 days from receipt of L.O.I. The successful bidders shall submit a performance bank guarantee (P.B.G) in the form of bank guarantee (specimen attached at Annexure-B) issued by a scheduled bank in Pakistan, for an amount equivalent to 10% of the total value of the purchase order or as specified, in the letter of intent. The performance bond unless specified otherwise, shall remain valid till:

- 6.1.1 Completion of final satisfactory delivery in case of consumable items.
- 6.1.2 12-18 months from the date of satisfactory delivery of the equipment/machinery.
- 6.1.3 Satisfactory delivery/installation of system in case the installation liabilities will be on supplier's part.
- 6.1.4 120 days in case of chemicals.

- 6.2 The Letter of Credit shall be operative upon receipt of Performance Bond (as specified in para 6.1) and integrity pact, any delay due to late submission of Performance Bond will be on supplier's account. Late submission of PBG should not affect the delivery schedule.
- 6.3 The performance bond shall be denominated in foreign currency or in currency of the contract/purchase order or in a freely convertible currency acceptable to the Company and shall be in the form of a bank guarantee.
- 6.4 In very special case subject to approval of the management, the P.B.G could be acceptable in Pak Rupee. However, an undertaking should be given by the supplier that in case of encashment of P.B.G supplier shall deposit short fall amount due to Pak Rupee exchange rate.

6.5 Warranty/Guarantee:

In case where performance guarantee is not applicable, the supplier shall warrant that all goods supplied under the contract/purchase order are new, unused, of the most recent or current models and all recent improvements in design and goods have been incorporated, unless provided otherwise in the contract/purchase order. This guarantee shall remain valid for a period of twelve to eighteen months after the goods have been delivered or commissioned.

(Clause 16.2 to 16.8 of General Terms & Conditions are also applicable).

7. Delivery:

- 7.1 In case of "FOB" order/contract, shipments shall be effected per vessel of Pakistan National Shipping Corporation (PNSC) owned or chartered vessels on "freight to collect" basis. Bill of lading to indicate "freight payable by the consignee at destination". In case goods ready for shipment and the PNSC vessel is



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- 4.2 In the case of goods to be offered from outside Pakistan, custom duties and other similar import taxes which are applicable shall be added to the bid.
- 4.3 In case shipment by air it shall be arranged through Company's airfreight forwarder (s) or their nominated agent "on freight to collect basis".

(Clause No. 14.3 to 14.4 of General Terms & Conditions are also to be applicable).

5. Loading of Bids:

Freight charges from port of loading up to Karachi port or unit C&F value must be indicated in bid form, failing which bid will be loaded by 5 to 10% freight charges. Bid will be declared non-compliant if loading results an extensive increase in price of material.

(Clause 15 of General Terms & Conditions is also applicable).

6. Performance bond:

- 6.1 In case purchase order value is US\$25,000/- or above or equivalent for other currencies, letter of intent will be issued to successful bidders for submission of performance bond guarantee which is to be submitted within 15 days from receipt of L.O.I. The successful bidders shall submit a performance bank guarantee (P.B.G) in the form of bank guarantee (specimen attached at Annexure-B) issued by a scheduled bank in Pakistan, for an amount equivalent to 10% of the total value of the purchase order or as specified, in the letter of intent. The performance bond unless specified otherwise, shall remain valid till:
  - 6.1.1 Completion of final satisfactory delivery in case of consumable items.
  - 6.1.2 12-18 months from the date of satisfactory delivery of the equipment/machinery.
  - 6.1.3 Satisfactory delivery/installation of system in case the installation liabilities will be on supplier's part.
  - 6.1.4 120 days in case of chemicals.
- 6.2 The Letter of Credit shall be operative upon receipt of Performance Bond (as specified in para 6.1) and integrity part, any delay due to late submission of Performance Bond will be on supplier's account. Late submission of PBG should not affect the delivery schedule.
- 6.3 The performance bond shall be denominated in foreign currency or in currency of the contract/purchase order or in a freely convertible currency acceptable to the Company and shall be in the form of a bank guarantee.
- 6.4 In very special case subject to approval of the management, the P.B.G could be acceptable in Pak Rupee. However, an undertaking should be given by the supplier that in case of encashment of P.B.G supplier shall deposit short fall amount due to Pak Rupee exchange rate.
- 6.5 Warranty/Guarantee:

In case where performance guarantee is not applicable, the supplier shall warrant that all goods supplied under the contract/purchase order are new, unused, of the most recent or current models and all recent improvements in design and goods have been incorporated, unless provided otherwise in the contract/purchase order. This guarantee shall remain valid for a period of twelve to eighteen months after the goods have been delivered or commissioned.

(Clause 16.2 to 16.8 of General Terms & Conditions are also applicable).

7. Delivery:

- 7.1 In case of "FOB" order/contract, shipment(s) shall be effected per vessel of Pakistan National Shipping Corporation (PNSC) owned or chartered vessels on "freight to collect" basis. Bill of lading to indicate "freight payable by the consignee at destination". In case goods ready for shipment and the PNSC vessel is



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not available at port of loading, supplier shall intimate the same to Company immediately so that matter could be taken with PNSC in Pakistan.

7.2 In case of C&F order/contract, the supplier hereby guarantees/ensure:

7.2.1 To use clean and dry vessel suitable for marine transportation and shall not use tramp vessels.

7.2.2 The goods/material will be shipped/dispatched with all care and diligence at their risk & cost and goods to be stored below deck. Accordingly, the supplier shall be responsible for all damages/losses during inland and marine transportation from the supplier's plant until arrival at Karachi port.

7.2.3 To provide as part of its work all services and functions related to handling, loading, unloading, lashing and securing in ship's holds and all costs, charges and expenses of which shall be included in the purchase order/contract price, unless otherwise specified:

7.3 In case of FOB order/contract, the supplier's obligations shall be over after the goods have crossed the ship's rails. The co-ordination, scheduling and lining-up for a PNSC vessel shall be the obligation of the supplier.

7.4 The supplier shall reimburse the Company all additional duties, taxes and other such charges paid by the Company on account of short shipment by the supplier for all items subsequently shipped on a no-charge basis or otherwise by the supplier. The supplier shall also reimburse the Company all additional duties, taxes and other such charges paid by the Company on account of incorrect invoicing by the supplier.

7.5 Shipment shall be deemed to have been made when the supplier has shipped the goods against a clean bill of lading and all other such documentation, as specified in clause 9.3 & 9.4 appearing next in sequence) have been furnished to the Company.

7.6 The supplier shall ensure that all above mentioned acts and other incidental and ancillary functions are conducted in accordance with sound and acceptable engineering practices. The Company shall be entitled to oppose any incorrect or inadequate practice adopted by supplier in this respect and the supplier shall take corrective action/measure forthwith to correct such omissions. If any goods are discovered to be damaged or unacceptable at the point of loading, the supplier shall be responsible for replacement free of all charges and costs to the Company within the delivery period specified in the purchase order/contract.

8. Insurance:

8.1 All goods supplied under the purchase order/contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in delivery clause 7.

8.2 Marine Insurance shall be the responsibility of the Company unless otherwise specified.

8.3 The supplier shall advise the Company by fax at least seven (7) days prior to the expected date of shipment, the following particulars:-

8.3.1 Name of the vessel and of the shipping company.

8.3.2 Age of the vessel (which should be less than 20 years).

8.3.3 Lloyds 100A1 or equivalent classification of the vessel.

8.3.4 ETD from Port of dispatch and ETA at Karachi

8.3.5 FOB/C&F value of the consignment.

The above information shall also be transmitted to the Company's underwriters, M/s. National Insurance Corporation by fax No. 0092-21-9202779 and to the Company referring Policy No. NIF/MK/OP/002/73.

9. Payment:

9.1 Payment of FOB/C&F prices shall be made in the currency of bid through an irrevocable letter of credit (L/C) established in favor of the supplier, negotiable through the bank of their choice. Bidder shall indicate full name and address of the negotiating bank and the place at which they wish to negotiate the letter of credit. All bank charges outside Pakistan will be on supplier's account and all bank charges within Pakistan will be at Company's account. If confirmed letter of credit is required then charges for confirmation will be on supplier's account.

9.2 The supplier's request (s) for payment shall be made to the Company in writing as follows:

9.2.1 It shall be accompanied by an invoice describing, as appropriate, the goods delivered and the services incurred and by shipping documents submitted pursuant to Clause 9.4 hereof and upon fulfillment of other obligations stipulated in purchase order/contract.

9.2.2 Against shipping documents on arrival of ordered material at consignee destination. Bidder (s) will have to clearly mention, if they wish to opt for this mode of payment.

9.3 The letter of credit shall be available upon presenting the following documents to the negotiating bank within 15 days of the date of the bill of lading covering shipment of each consignment:



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- 9.3.1- Invoice --- 4 copies
- 9.3.2- Packing list --- 4 copies
- 9.3.3- Bill of lading "freight to be paid by consignee at destination" evidencing shipment in terms of the purchase order to Karachi-Pakistan made copies. out to order in the name of Co.'s bank. Notify party Sui Southern Gas Company Ltd. --- 3 originals & 6 non-negotiable
- 9.3.4- Certificate of Origin (Verified/ Endorsed by Chamber of Commerce) --- 2 copies
- 9.3.5- Manufacturer's test certificate/ --- 2 copies Inspection report.

9.4 Without prejudice to the supplier's responsibility for providing documents mentioned as at 9.3.1 to 9.3.5 above to bank, the supplier shall forward the following non-negotiable documents directly to Company immediately after shipment so as to reach the Company at least 15 days prior to the arrival of the vessel at Karachi port.

- 9.4.1 -Invoice --- 6 copies
- 9.4.2 -Bill of Lading --- 6 copies
- 9.4.3 -Packing List --- 6 copies
- 9.4.4 -Certificate of Origin (Verified/Endorsed by Chamber of Commerce) --- 2 copies
- 9.4.5 -Manufacturer Test Certificate/ --- 2 copies

Inspection Report.

- 9.4.6 The invoice to be exactly as per order/contract. Any deviation which render or cause the company to pay demurrage or any other charges with respect to clearance/handling etc. will be borne by the supplier.
- 9.5 No payment hereunder shall be deemed to be accepted by the Company of the goods covered by such payment nor release the supplier from responsibility thereof under the terms of the purchase order/contract.
- 9.6 If the Company is compelled to pay demurrage or storage charges or incurs any loss or suffers any damage at Karachi Port on account of non-compliance by the supplier of above requirements, the Company shall be entitled at their sole discretion to recover the same amount from supplier.

10. Termination of purchase order by supplier:

- 10.1 The supplier shall have the right to terminate the contract/purchase order if-
  - 10.1.1 The Company fails to establish the letter of credit within the stipulated period as required under clause 9.1 hereof after the supplier has made compliance with the provisions of clause 6.
  - 10.1.2 The Company becomes bankrupt or insolvent or makes an assignment for the benefit of its creditors.
  - 10.1.3 The Company is in default and breach of its obligation and liabilities under the contract/purchase order.

11. Installation/Commissioning/Training:

If installation/commissioning and training is required, the charges will be paid in Pak Rupee and will be subject to deduction of all local duty and taxes (as applicable).

12. Vehicle (s) supplied by foreign manufacturer / principals:

12.1 In case of supply of any type of vehicle (s) / earth moving vehicle (s) by the foreign principal / manufacturer. After clearance of vehicle from the custom, the local agent of the foreign supplier / manufacturer / principal will be completely responsible to get the vehicle (s) registered through Excise Department Government of Sindh and provide Original Registration book / Original Registration Invoice / Tax payment receipt / other related documents & provide the vehicle (s) number plate (s) to SSGC. Registration fee will be reimbursed by SSGC subject to submission of Government of Sindh Excise Department receipt.

12.2 The bidder / supplier shall quote only those vehicle (s) / which fully comply to Pakistani environment and can operate in Pakistan. The bidder should ensure that vehicle is; consumables i.e. fuel/oil & lubricant/ spares) are easily available in Pakistan.



SECTION-1 B
-------------

*of Services*
**General Terms & Conditions****1. Definitions and Interpretation:**

1.1

In these tender documents (as hereinafter defined) the following words and expressions shall have the meaning hereby assigned to them except where the Tender requires otherwise.

- a) **Company** means the Sui Southern Gas Company Limited; a Company registered under statutes of Pakistan and includes any successors-in-interest or assignees.
- b) **Engineer** means the Engineer(s) nominated by the Company to look after and supervise the Work.
- c) **Representative of the Company** means a duly authorized person appointed by the Company or as specified in the "Special Conditions of the Contract" to perform the assigned duties.
- d) **Bidder** means any person or persons, firm or company bidding for the Work.
- e) **Contractor** means the persons, firm or company whose Tender (as hereinafter defined) has been accepted by the Company and includes the Contractor's representatives, sub-Contractors, successors and permitted assignees (Prior to the execution of the Contract the word "Contractor" also means a Tenderer or Bidder submitting a proposal in accordance with the Tender Documents).
- f) **Agent or Representative** means person(s) appointed by the Contractor to perform duties as set forth in the Contract.
- g) **Laborers/Workmen** means such laborers/workmen and staff as may be employed by the Contractor for purpose of carrying out the Work.
- h) **Sub Contractor** means any firm or person having a direct Contract with the Contractor. Nothing contained herein however, shall be deemed or be construed to impose upon the Company, any obligation, liability or duty to a sub-contractor or to create any contractual relation between any sub-contractor and the Company.
- i) **Work** means whole of the Works / Services or part thereof to be executed in accordance with Tender / Contract documents, whether temporary or permanent and whether original, altered substituted or additional.
- j) **Contract Documents** shall consist of duly executed Articles of Agreement, the Tender Documents and the Tender submitted by the successful Bidder including modifications thereto incorporated in the documents before and after the execution of the Contract.
- k) **Contract Price/Value** means the sum named in Schedule of (SOR) / BOQ subject to additions thereto or deductions there from as may be made under the provisions hereinafter contained.
- l) **Plant** means all machineries, equipment, materials, appliances or things of whatsoever nature required in or about the execution, completion or maintenance of the Work, but does not include such equipment, materials, appliances or things intended to form part of the permanent Work.
- m) **Temporary Works** means all temporary works of every kind required in or about the execution, completion or maintenance of the Work.
- n) **Drawings** means the drawings referred to in the Contract documents and any modification of such drawings.
- o) **Location** means the land and other places on, under in or through which the Work is to be executed or carried out and other lands or places provided by the Company for the purpose of the Contract.
- p) **Approved/Approval** means approved/approval in writing by Company's representative or as specified in "Special Conditions of Contract".
- q) **Tender/Bid** means the offer tendered by the Bidder for the Work governed by the Contract.
- r) When the terms Acceptable, Satisfactory, Proper, or other such general qualifying terms are used in the Contract, it shall be understood that reference is made to be sole ruling and the sole judgment of the Company.
- s) The Word Equivalent or Equal where used in these documents in the general sense shall not mean Similar but shall mean "Conforming to, Like, of Kind/Quality and Function". "Proprietary Items" and "Trade Names" are used for the purposes of establishing a standard of "Kind, Quality and Function" and "Equipment" items, articles, things or materials will be approved, if held to be "Equivalent" by the Company.
- t) **Approved Banker** wherever occurring in this Contract shall mean a Scheduled Commercial Bank operating in Karachi and acceptable to the Company.



- u) **Specification(s)** means the standard codes of practice and other specifications issued with the Tender and any notification such as specifications approved in writing by the Company and other specifications as may from time to time be furnished or approved in writing by the Company.
  - v) **Month** means calendar month of the Christian era.
  - w) **Time Schedule** is a graphical illustration of the time span of various Work activities defining starting and completion dates.
  - x) **Bonds** mean Bid Bond, Performance Bond or Bank Guarantee and other instruments of security furnished by the Bidder of his surety in accordance with the Tender/Contract.
  - y) **Completion Date** means the date on which the Work has been completed in accordance with the Contract so that it can be utilized for intended purpose.
  - z) **Day** means a day of 24 hours mid night to mid night.
  - aa) **Completion Period** means the time allowed for the execution of the Work.
- 1.2 Words importing the singular only also include the plural and vice-versa where the Contract so requires.
  - 1.3 The marginal headings or notes in these Conditions of Contract shall not be deemed to be part thereof or be taken into consideration in the interpretation or construction thereof or of the Contract.
  - 1.4 If there is any conflict between the Special Conditions and the General Conditions, the Special Conditions shall modify, supplement and supersede the General Conditions.

2. **Examination:**

Bidders shall visit/inspect/examine the Work & Location and shall fully acquaint themselves with the nature and requirements of Work/Services, access to Work/Location, availability of materials, weather, law and order and local conditions etc. before submitting their Bids. Submission of the Bid shall be prima facie evidence that the Bidders have fulfilled this requirement and shall be binding upon him.

3. **Conflict between Drawings/Specifications/SOR:**

In case of any conflict between drawings/specifications, SOW/TOR and SOR/BOQ, with regard to the quality of any item, the Contractor / Consultant shall base his quotation for the better quality. In case of any deficiency in the drawings/details, the Contractor / Consultants shall seek clarification from the Company. Submission of Bids/rates on the basis of incomplete drawings/details shall be Contractor / Consultant's sole responsibility.

4. **Additions, Deletions:**

The Company reserves the right to make addition (Upto 15 % ) and delete the quantity from the Work defined in SOW/TOR/SOR/BOQ as deemed necessary before or after the execution of the Contract. All such additions and deletions shall only be authorized in writing by the Company.

5. **Schedule of Requirement:**

The quantities specified in the SOR/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 done as measured. No claims or adjustments shall be entertained/allowed on account of increase or decrease in the Scope of Work which has not been duly authorized by the Company through the issue of change orders as stipulated in the relevant provision.

6. **Rate:**

The Bidder shall quote all item rates and lump sum prices as shown in the "SOR/BOQ". Bidders shall fill in the rate / price for each item in the SOR/BOQ. In case of any discrepancy between item rate and the amount, the quoted item rate will prevail. The quantities given in the SOR/BOQ are estimated ones and are subject to variations. That is, there could be increase or decrease. Nevertheless, the item rates quoted by the Bidder shall remain fixed and no escalation whatsoever shall be permissible. The rates / prices quoted by the Bidder shall be workable. The Bidder shall be required to furnish a complete rate analysis of any item in the SOR/BOQ as considered necessary, by the Company.

7. **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, irrevocable fixed and valid until completion of the Contract and will not be subject to variation on any account.

8. **Validity:**

Bids shall remain valid for acceptance for a period of (120) days from the date of bid opening. If the last date falls on a holiday, the validity will be extended to the first Company working day thereafter.

9. **Bid Bond (Earnest Money):**

The Bidder is required to furnish Bid Bond strictly in accordance with the prescribed format, in the form of a Pay Order, Demand Draft or Bank Guarantee issued only by a scheduled commercial bank operating in Karachi, for an amount fixed bid bond as specified of tendered Work / Services quoted by the Bidder in favor of Sui Southern Gas Company Limited. No Bid shall be considered without a Bid Bond and no cash or cheque or a guarantee issued by an insurance company shall be accepted.

The Bid Bond shall remain valid for a period of 150 days from the date of Bid opening. Bid Bonds of the unsuccessful Bidders shall be returned as soon as practicable. The successful Bidder's Bid Bond shall be retained by Company until execution of a Contract for the Work / Services defined in these documents and the submission of a Performance Bond prior to the execution of Contract.

In the event that the successful Bidder refuses or fails to provide (PBG) and Stamp papers for contract within fifteen (15) days of the issuance of a Letter of Intent, Company shall be at liberty to forfeit the Bid Bond.

In the event of the bid bond validity falling short of the prescribed period of 150 days as the case may be either (i) due to extension in the bid submission date or (ii) where so required by the procuring agency, than in such an event it shall be mandatory on the bidder to extend the bid bond validity up to 150 days within 30 days of the opening of technical proposal / bid, and / or where so required by the procuring agency.

In case when bidder submit alternate bids a separate bid bond for each bid is required otherwise bid will be liable for rejection. In case of Single Stage Two Envelope bidding system (bid bond will be enclosed with "Financial" bid, unless and until specified separately in Tender terms).

The bid bond may be forfeited if a bidder withdraws the bid during validity period specified by the bidder or if successful bidder fails to:

- > Accept purchases order/LOI,
- > Furnish performance guarantee in accordance with clause 10 of General Terms & Conditions,
- > Extend Services as per requirement and completion Period.

10.

**Performance Bond:**

The Bidder shall furnish a Performance Bond strictly (if the bid increases to Rs. 500,000/-) in accordance with the prescribed format in the form of a bank guarantee issued by a scheduled commercial bank operating in Karachi for an amount equivalent to \_\_\_\_\_ ( ) percent of the Contract value. Failure to furnish the performance Bond before execution of the Contract will entitle the Company to consider the Bidder as having abandoned the Contract and the forfeit the Bid Bond. The Performance Bond shall remain valid till after three (03) month of completion of the work.

The Company's right to recover damages from the Bidder for breach of Contract shall not be limited to the value of the Performance Bond. In the event of the Bidder failing to execute a formal Contract or to submit the Performance Bond in the manner aforesaid and in the period specified, the Company shall be entitled to appropriate the earnest money submitted by the Bidder with his tender without prejudice to its right to claim any further loss or damage which may result to it by reason of the aforesaid default of the Bidder as if Contract is actually executed for the purpose of such claims.

The Bidder shall extend the validity period of the Performance Bond for such period(s) as required for the Contract performance.

The performance bond of the successful bidder will be released after successful completion of work.

11.

**Retention Money:**

The amount to be retained from payments shall be equal to the specified percent of certified value of Work which would be released after the maintenance period.

12.

**Completion Period:**

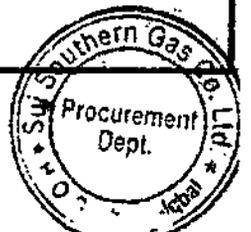
Subject to any requirements as to completion of any portion of the Work before the completion of the whole of Work, the Work shall be completed within the specified completion period. The Work shall not be considered as completed until the Company has certified in writing that it has been completed. Should extra, altered or additional Work of any kind, or any other cause of delay, which in the opinion of the Company could not have been foreseen by the Contractor / Consultant requires extension in completion time, then on the written request of the Contractor / Consultant, the completion period as provided in the Contract shall be extended by the Company. All such extensions shall be allowed in writing by the Company's representative.

13.

**Signing / Execution of Contract / Agreement:**

Formal signing / execution of Contract / Agreement shall be completed within fifteen (15) days of receipt of "Letter to Proceed". The Company shall prepare the Contract in accordance with the prescribed format (Contract Form, and Articles of Agreement) for the purpose and the successful Bidder shall be communicated the date and time by the Company for the execution of Contract.

The successful Bidder shall provide the stamp paper, of value at the rate of thirty five (35) paisa per every hundred Rupees or part thereof of the amount of the Contract, or at the prevailing rate as specified by the Government of Pakistan.



In case the agreement is executed for services i.e Janitorial, Canteen, Landscaping, Maintenance Contract etc.... will be for One year extendable for further Two terms of one year each unless specified in Special Term & conditions.

14. **Award / Evaluation Criteria:**

Company reserves the right to settle the final award of job to the technically compliant and lowest evaluated and commercially responsive bidder.

Evaluation may be carried out both on item or on group of items/single or multiple package basis depending upon the nature of requirement exclusively at the discretion of the company to ensure economic procurement.

15. **Commencement & Execution of Work:**

Notwithstanding any delay in the preparation / execution of the Contract the successful Bidder shall commence mobilization / preparations and under take the Work within (15) days after receipt of the Letter to Proceed.

The Contractor / Consultant shall prior to commencement of Work, obtain the written authority and instructions of the Company.

16. **Change in Orders:**

The Company may at any time, by a written notice to the Contractor / Consultant, make changes within the general Scope of Work of the Contract.

Upon notification by the Company of such change, the Contractor / Consultant shall submit to the Company an estimate of costs for the proposed change (hereinafter referred to as a change) within ten (10) calendar days of receipt of notice of the change, and shall include an estimate of the impact (if any) of the change on the completion date (s) under the Contract, as well as detailed schedule for the execution of the change, if applicable.

The Contractor / Consultant shall not perform changes in accordance with above, until the Company has authorized a Change Order in writing on the basis of the estimate provided by the Contractor / Consultant.

Changes mutually agreed upon as a change shall constitute a part of the Work under this Contract, and the provisions and conditions of the Contract shall apply to said change.

17. **Assignment:**

The Contractor / Consultant shall not assign, in whole or in part, its obligations to perform under the Contract except with the Company's prior written consent.

18. **Termination of Contract:**

The Company may decide to terminate the Contract in one of the following situations:

(i) **Termination for Default:**

The Company may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Contractor / Consultant, terminate the Contract in whole or in part.

- (a) If the Contractor / Consultant fails to complete the contracted Works / Services within the time period(s) specified in the Contract or any extension thereof granted by the Company.
- (b) If the Contractor / Consultant fails to perform any other obligation(s) under the Contract.
- (c) If the Company during the completion period of the Contract has reason to believe that the Contractor / Consultant will not be able to fulfill the obligations under the Contract.

Prior to the exercising of any right by the Company to terminate the Contract, the Company shall issue notice to the Contractor / Consultant specifying the default(s) and the Contractor / Consultant shall submit an explanation within seven (07) days of receipt of such notice. If such explanation is not furnished within the stipulated time or if so furnished, is found to be unsatisfactory and / or the default(s) continues, the Contract may be terminated by the Company.

(ii) **Termination for Insolvency:**

The Company may at any time terminate the Contract by giving written notice to the Contractor / Consultant, without compensation to the Contractor / Consultant, if the Contractor / Consultant becomes bankrupt or otherwise insolvent. Notwithstanding the above such termination will not prejudice or affect any right of action or remedy which as accrued or will occur thereafter to the Company.



(iii) Termination for Convenience:

- a. The Company may by written notice sent to the Contractor / Consultant, terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the company's convenience, the extent to which performance of work under the Contract is terminated and the date upon which such termination becomes effective.
- b. The Works that are complete and ready for Commissioning within thirty (30) days after the Contractor / Consultant's receipt of notice of termination shall be at the Contract prices and on the existing Contract terms. For the remaining Works, the Company can also opt to have any portion thereof completed and commissioned at the contract prices and on the other contract terms.

19. Liquidated Damages:

If the Contractor / Consultant fails to complete the Work or perform the Services specified in the Contract within the stipulated period / scheduled time specified in the Contract, the Company, without prejudice to any other remedies, shall deduct from the bills or any other due payments / guarantees, as liquidated damages, a sum equivalent to 0.1 % per day of the value the Contract, until actual completion of the Work or performance of the Services. However if delay of over 100 days takes place (i.e. equal to 10%), the Company reserves the right to terminate the Contract at the risk and cost of Contractor / Consultant. The liquidated damages shall also be applicable for the Works / Services terminated under Clause 16.

The payment of liquidated damages shall not relieve the Contractor / Consultant from performing and fulfilling all its obligations under the Contract and nor shall the rights and entitlements of the Company be affected or reduced in any manner.

20. Force Majeure:

The parties will not be considered to be in default in the execution of their contractual obligations or any of them to the extent that the execution of such obligations or any of them is delayed or omitted by cause of Force Majeure. Each party will advise the other party by written notice within 07 days of the occurrence of any such case of Force Majeure. The term Force Majeure employed herein shall mean acts of public enemy, wars (whether declared or not) invasion, hostilities, revolution, epidemics, riots (other than among the Contractor / Consultant's own employees) fires, floods, earth quake, commotion, disorder and other causes similar in kind to those herein mentioned, not under the control of either party, which makes the performance of this agreement unfeasible and which by the exercise of due diligence the party seeking excuse from performance is unable to overcome.

The Company shall not be liable to the Contractor / Consultant for any damage or loss caused by Force Majeure directly or indirectly.

21. Safety of Employees and Works:

The Contractor / Consultant shall be responsible to take all necessary precautions for the safety of employees on or off the Work, and shall comply with all applicable safety laws and codes to prevent accidents or injury to persons on about or adjacent to the places where the Work is being performed. All statutory rules, orders, regulation from time to time in force relating to taking and observance of all safety precaution governing or which might be deemed to be given during the execution and performance of the Work. The Contractor / Consultant shall comply with any and all personnel safety regulations. Any person of the Contractor / Consultant violating the safety rules shall be removed by the Contractor / Consultant from site and replaced without delay.

22. Insurance:

The Contractor / Consultant shall be responsible for obtaining a Contractor / Consultant's All Risk Policy (CAR) against risks to the Works and shall make good at his own cost, all losses or damages whether to the Works or to the lives, persons, whether under the workmen's compensation Act or Third Party Risk, or property of others; from whatsoever cause arising out of or in connection with the works either during the progress of the works or during the period of maintenance provided by this Contract.

The Contractor / Consultant shall arrange insurance approved by the Company fully to cover workmen compensation and other claims arising out of sickness, injury or death of his personnel working at site and also to cover theft, loss of or damage to the Company's material in his possession and to indemnify the Company for third party claims for damage done or said to have been done to those persons or their property as a result of the Contractor / Consultant's activities on and off the site.



**Insurance will be required where ever applicable:****Company's Address:**

**GENERAL MANAGER (PROCUREMENT)  
SUI SOUTHERN GAS COMPANY LIMITED,  
2<sup>ND</sup> FLOOR, HEAD OFFICE, ST-4/B, B-14,  
SIR SHAH SULEMAN ROAD,  
GULSHAN-E- IQBAL,  
KARACHI -PAKISTAN.**

**Contractor / Consultant's Address:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**23. Dispute Resolution:**

If any dispute shall arise as to the interpretation of this Contract or any matter or thing arising there from, the same shall be settled as far as possible by way of amicable resolution. Failing such settlement, the dispute may be referred for arbitration to two Arbitrators, one to be nominated by each Party. The appointed Arbitrators shall before proceeding on the reference appoint an Umpire. The Award given by the Arbitrators or the Umpire as the case may be shall be final and binding on the Parties. The proceedings shall be governed by the Pakistan Arbitration Act, 1940 and any statutory modification thereof. The venue of arbitration shall be Karachi.

All costs of Arbitration shall be borne by the Parties themselves, unless otherwise ordered by the Arbitrator. Notwithstanding the existence of any difference or dispute, or the commencement or continuance of any arbitration proceedings, Works to be done or Services to be provided under this Contract shall not be suspended or discontinued by the Contractor / Consultant nor shall any payment be withheld by the Company except the difference of the amount in dispute, which is the subject matter of such proceedings.

**24. Income Tax and Duties:**

All kinds of Government Taxes and Duties (income tax, custom duties, etc.) also the provincial sales tax as per provincial law, against any item of the contract, shall be entirely the responsibility of the Contractor / Consultant. Income Tax will be deducted as applicable under the prevailing Government Rules. Rate of income Tax deduction in relation to submission of Income Tax certificate from the Contractor / Consultant should also be stipulated.

All Foreign Service providers are required to obtain Advance Ruling from the Federal Board of Revenue (FBR) under Section 206A of the Income Tax Ordinance 2001 (Pakistan's Income Tax Law). The advance Ruling issued by FBR covers application of Income Tax Ordinance 2001 to Transaction proposed or entered in to Foreign Service Provider".

**25. Payments:**

Payment will be made within 30 days after completion of works.

The Contractor / Consultant shall submit to the Company during the execution of the Work on-account bills along with a statement / details of executed Work.

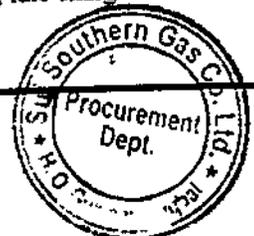
The rates and prices in such on-account bills and statement of Work shall be in accordance with those in the SOR/BOQ so far as such rates and prices are applicable and on the approved rates and prices for other items of Work. All payments against on-account bills shall be treated as provisional payments and will be subject to final adjustment.

The Company may withhold payment or on-account of subsequently discovered evidence, nullify the whole or part of any certificate to such extent as may be necessary to protect itself from loss on-account of:

- (a) Defective Work not remedied.
- (b) Claims filed or reasonable evidence indicating probable filing of claim.
- (c) Failure of the Contractor / Consultant to make payments properly to Sub-Contractor / Consultants.
- (d) Damage to another Contractor / Consultant.

When the grounds are removed payment shall be made for amounts withheld because of them.

Payments in respect of extra / additional Work will be made on the basis of the original Contract rates and the Contractor / Consultant will not be entitled to any extra compensation / payment including idle charges because of such delays.



The making and acceptance of the final payment after successful completion of Work shall constitute a waiver of all claims by the Company other than those arising from faulty Work appearing after final payment and of all claims by the Contractor / Consultant, except those previously made and still unsettled. Supplier (s) are required to submit signed and stamped acknowledgement slip, Sale Tax return, Annex "C" & Annex "T" (whichever applicable) in which Sales Tax (of relevant Sales Tax invoice) is paid.

26. **Blacklisting of Suppliers and Contractor / Consultants:**

The company shall permanently blacklist or temporarily debar (at least for 6-months from participating in SSGC's tender proceeding) if, a supplier or Contractor / Consultant who either constantly fails to perform satisfactorily or found to be indulged in corrupt and fraudulent practices as defined below:

- 26.1 Corrupt and fraudulent practices" includes the offering, giving, receiving, or soliciting of anything of value to influence the action of an official/company.
- 26.2 If the supplier/Contractor / Consultant found responsible for the detriment of the Company during proceedings of procurement/contract, process or its execution.
- 26.3 Misrepresentation of facts (by providing fake documents, concealing / mis-reporting facts pertaining to the bid) in order to influence the procurement process or the execution of the purchase order/contract.
- 26.4 Collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the company of the benefits of free and open competitive.

27. **GOP's Obligation:**

The contract shall be governed by the Law of Pakistan. The Contractor / Consultant is obligated to comply with all regulations and ordinance in force or to be passed by the Government of Pakistan in connection with Labor legislation during the course of the work to be performed. Any additional financial charges on account of revision in minimum wages by GOP will be company's responsibility while the contract is in operation.

This contract embodies the entire understanding of the parties hereto on this subject and there are no commitment, terms, conditions or obligations, oral or written, express or implied, other than those contained herein.

28. **Late Bid:**

Sealed bids shall be mailed/submitted/dropped in tender box placed at Tender Room, CRD Building, and SSGC Head Office, In accordance to the time specified in invitation to bid & tender notice (which ever applicable). Bids are to be delivered on or before closing time after which all bids submitted after the time prescribed shall not be entertained and will be returned without being opened. In case bid is sent through courier, the same shall be delivered at least half an hour before scheduled opening time.

29. **Rebate / Discount:**

Unit rate (s) given in the Bill of Quantities shall take into account all relevant factors including discount if any. Discount given separately at the time of bid opening will not be considered.

30. **Joint Ventures:**

In the event that the bidder is bidding as a Joint Venture, the Company will require the joint venture agreement duly executed by the parties to the Joint Venture to be submitted with the bid. The joint venture parties shall also furnish an undertaking to be jointly and severally liable for all liabilities arising out of obligation under the Purchase Order / Contract. The Joint Venture agreement of the parties must specify share of each partner and name of the lead partner along with their registration with the FBR, SST and BST as the case may be failure to specify these two narrations the joint venture agreement will not be entertained.

31. **Correction / Amendments in Quoted Price:**

Any overwriting in BOQ / SOR is not allowed. In case of type of any amendment / correction required in unit price / total amount the same has to be strikeout and re-written with corrected figures, properly signed & stamped out, in order to avoid an ambiguous bid.



SSGC

SSGC/LP/EPADS/ /

Annexure - A

On Non Judicial Stamp Paper of Rs. 50/- (Fifty) Per 100,000  
Format of Bid Bond Guarantee

BANK GUARANTEE NO.....  
DATE OF ISSUE.....  
DATE OF ENPIRY.....  
AMOUNT.....

Sui Southern Gas Company Limited,  
ST. 4/B, Block-14,  
Gulshan-e-Iqbal,  
Sir Shah Saleman Road,  
Karachi.

Dear Sir,

Bid Bond Bank Guarantee

In consideration of M/s..... hereinafter called the Bidder  
having submitted the accompanying bid & in consideration of value received from Bidder we hereby agree and  
undertake as follows:

1. To make unconditional payment of Rs..... upon your written demand without further recourse, question or reference to the Bidder or any other person in the event of withdrawal of the aforesaid bid by the Bidder before the end of the period specified in the bid after the opening of the same for the validity thereof or if no such period to be specified within 90 days (150 days in case of Single Stage Two Envelope bidding procedure) after said opening and or in the event that the Bidder shall within the period specified therefore or if no period specified within 15 days after the prescribed forms are presented to the Bidder for signature the Bidder shall fail to execute such further contractual documents if any, as may be required by the terms of the bid as accepted or on the Bidder failure to give the requisite Performance Bond as may be required for the fulfillment of resulting contract.
2. To accept written intimation (s) from you as conclusive and sufficient evidence of the existence of a default of non-compliance as aforesaid on the part of Bidder and to make payment accordingly within 03 days of the receipt of the written intimation.
3. No grant of time or other indulgence to, or composition or arrangement with the Bidder in respect of the aforesaid Bid with or without notice to us shall in any manner, discharge or otherwise, however, effect this Guarantee and our liabilities & commitments hereunder.
4. This Guarantee shall be binding on us and our successors in interest and shall be irrevocable.

Yours faithfully,

(stamp and signature of the issuing bank)



TRIPROA

On Non Judicial Stamp Paper of Rs. 50/- (Fifty) Per 100,000  
Format of Performance Bond Guarantee

BANK GUARANTEE NO.....  
DATE OF ISSUE.....  
DATE OF EXPIRY.....  
AMOUNT.....

Sui Southern Gas Company Limited,  
ST. 4/B, Block-14,  
Gulshan-e-Iqbal,  
Sir Shah Sulaiman Road,  
Karachi.

Dear Sirs,

In The Sum of Rs.....Account.....  
To You in Karachi under the Purchase

In consideration of your having placed Purchase Order No.....  
dated..... On M/s..... called Supplier and in  
consideration for value, received from Supplier, we hereby agree and undertake as under:

1. To make unconditional payments to you from time to time as called upon or make an unconditional payments Rs..... Being Ten Percent (10%), of the value of the Purchase Order price mentioned in the said Purchase Order, on your written demand(s) without further resource, question or reference to Supplier or any other person, in the event of default or non-performance and / or non-fulfillment by Supplier of his obligations liabilities & responsibilities under and in pursuance of the said Purchase Order of which you shall be the sole judge.
2. To accept written intimation from you as conclusive and sufficient evidence of the existence of a default or breach as aforesaid on the part of Supplier and to make payment accordingly within 3 (three) days of receipt thereof.
3. To keep this guarantee in full force from the date hereof as specified in General or Special terms & conditions.
4. That on grant of time or other indulgence to amendment in the terms of the purchase order by agreement with Supplier in respect of the Performance of his obligations under and in pursuance of the said Purchase Order with or without notice to us, shall in any manner discharge or otherwise, however, affect this Guarantee and our liabilities and commitments there under.
5. This Guarantee shall be binding on us and our successors in interest and shall be irrecoverable.
6. This Guarantee shall not be affected by any change in the constitution of the Guarantor Bank or the constitution of M/s.....the Supplier.

Yours faithfully,

(stamp and signature of the issuing bank)



## (Format of Declaration)

General Manager (Procurement)  
Sui Southern Gas Company Limited,  
ST. 4/B, Block-14, Gulshan-e-Iqbal,  
Sir Shah Saleman Road, Karachi.  
Dear Sir,

**Declaration**

\_\_\_\_\_ (the Seller/Supplier) hereby declares its intention not to obtain or induce the procurement of any contract, right, interest, privilege or other obligation or benefit from Sui Southern Gas Company Limited or any administrative subdivision or agency thereof of any other entity owned or controlled by it (SSGC) through any corrupt business practice.

Without limiting the generality of the foregoing, (the Seller/Supplier) represents and warrants that it has fully declared the brokerage, commission fees etc. paid or payable to anyone and not given or agreed to give and shall not to give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from SSGC, except that which has been expressly declared pursuant hereto.

(The Seller/Supplier) certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with SSGC and has not taken any action or will not take any action in circumvent the above declaration, representation or warranty.

(The Seller/Supplier) accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation any warranty. It agrees that any contract, right interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to SSGC under any law, contract or other instrument, be voidable at the option of SSGC.

Notwithstanding any rights and remedies exercised by SSGC in this regard, (The Seller/Supplier) agree to indemnify SSGC for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to SSGC in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by (The Seller/Supplier) as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from SSGC.

Yours faithfully,

Signature & Stamp (The seller/supplier)

Note:

1. The above declaration is required to be submitted by the Successful Bidder after issuance of Purchase Order (PO) or Letter of Intent (LOI) on Bidder's letter head, for purchase order / letter of intent of a total value of Rs. 10,000,000/- (Ten million) or above.
2. Please note that submitting the declaration is a mandatory requirement.



CONTRACT FORMContract No. SSGC/LP/EPADS/ /ARTICLES OF AGREEMENT

THIS AGREEMENT, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2018 by and between Sui Southern Gas Company Limited, having its office at ST-4/B, Sir Shafi Muhammad Suleman Road, Block 14, Gulshan-e-Iqbal, Karachi, hereinafter referred to as the "Company" of the one part and M/s. \_\_\_\_\_ hereinafter referred to as the "Contractor", (which expression shall include the successors, of the said firm, heirs, executives, administrators and assigns of the Partners of the said firm individually or severally) of the other part.

WITNESSETH:

WHEREAS, under the procedures, bids have heretofore been received by the Company for carrying out "\_\_\_\_\_ " work and the tender of the Contractor for the said work has been accepted by the Company.

NOW THEREFORE, for and in consideration of the promises, negotiations, covenants and agreements hereunder contained and to be performed by the parties hereto, the said parties hereby covenant and agree as follows:-

Article-1 Work and Cost of the Work:

- i) In consideration of the covenants and agreements to be kept and performed by the contractor and for the faithful performance of this Contract and the completion of the work embraced therein according to the specifications and conditions herein contained and referred to or agreed to in course of subsequent negotiations and in accordance with the Contract, the Company shall pay and the Contractor shall receive and accept as full compensation for everything furnish and done by the contractor under this agreement as sum of approximately Rs. \_\_\_\_\_ ( \_\_\_\_\_ ), or such other sums as may be ascertained in accordance with the conditions of Contract, etc. and at rates quoted against each item of work and agreed to and accepted by the parties as one instrument, and at the times and in the manner prescribed by the conditions of the Contract.
- ii) The Contractor at his own proper cost and expense shall do all work and furnish all labour, materials, tools, supplies, machinery and other equipment and plant that may be necessary for the satisfactory completion of all the works as set forth in the contract documents.

Article-2 - Time:

The maintenance of a rate of progress in the works at a rate which will result in its completion within the specified time, is of the essence of the contract and the Contractor agrees to proceed with all the due diligence and care at all times to take all precautions to ensure the timely completion as defined herein; time being deemed to be essence of the Contract of part of the Contractor.

The said work shall be started on the Contractor's receipt from the Company of a written order to proceed, and the Contractor shall have the work called for duly and fitly complete in total \_\_\_\_\_ months (including \_\_\_\_\_ ( ) weeks mobilization period) from the date of issuance of such order.

Article-3 - Contract Documents:

It is understood and agreed that the contract documents which comprise this Contract are attached hereto and made a part hereof and consist of the following :-

- a) The Article of Agreement.



- b) Bid ((submitted vide letter No. \_\_\_\_\_, dated \_\_\_\_\_ comprising Letter of Invitation, Instructions to bidders, Scope of Work, Special and General Conditions of Contract, Tender Form, Bill of Quantities, Drawings, etc.).
- c) Company letter No. \_\_\_\_\_, dated \_\_\_\_\_  
Contractor letter No. \_\_\_\_\_, dated \_\_\_\_\_.
- d) Notice of Award (Letter of Intent (LOI) No.SSGC/MAT/S&C/\_\_\_\_\_, dated \_\_\_\_\_.
- e) Acceptance by the Contractor on the copy of LOI.
- f) Letter to Proceed No.SSGC/PROC/S&C/\_\_\_\_\_, dated \_\_\_\_\_.
- g) Performance Bank Guarantee No. \_\_\_\_\_, dated \_\_\_\_\_, amounting to Rs. \_\_\_\_\_ issued by M/s. \_\_\_\_\_.

It is agreed by the parties to the contract that this contract shall be executed in two counterparts; one copy to be retained in the office of the Sui Southern Gas Company Limited and one given to the Contractor.

IN WITNESS WHEREOF the parties hereto have executed this Contract at Karachi in two counterparts by their duly authorized representatives as of the day and year herein above set forth.

Signed for and on behalf of  
M/s. Sui Southern Gas Company Limited

Signed for and on behalf of  
M/s. \_\_\_\_\_ Karachi

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

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

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

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

In the presence of:

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

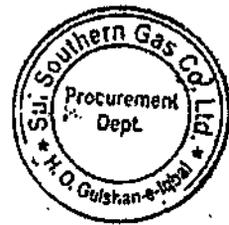
Signature : \_\_\_\_\_

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

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

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

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



**FORM "Y"**  
**(SSGC – sample submission form)**

SECTION A: BIDDER INFORMATION	
FIELD	DETAILS
Bidder Name / Firm Name	
NTN / GST No.	
Address	
Contact Person	
Contact Number	
Email Address	
<b>Declaration by Bidder</b>	
I/We hereby declare that the sample(s) submitted are in accordance with the tender specifications and terms. I/We understand that failure to submit correct and complete samples may lead to disqualification.	
Signature of Bidder:	

SECTION B: TENDER DETAILS	
FIELD	DETAILS
Tender No.	
Tender Opening Date	
Item(s) for which sample is submitted	
Quantity of Sample Submitted	
<b>Specification/Description of Sample</b>	
Make:	
Brand:	
Serial No:	
Generics: size, height, weight, width:	
Other description:	

SECTION C: FOR OFFICE USE ONLY (TO BE FILLED BY TENDER ROOM)	
FIELD	DETAILS
Date & Time of Submission	
Received By (Tender Room Staff Name & Sign)	
Tender Room Stamp	
Remarks (if any)	

*JR*

Supplier code: \_\_\_\_\_

**FORM-X****Bank account details form for all Beneficiaries**  
**(Mandatory requirement for Digital Online Banking)**

As per FBR Regulations ref # C.No.4 (24) IT-Budget/2021-142150-R dated 23<sup>rd</sup> Sept'2021 to make the payment online w.e.f. 01-11-2021. All beneficiaries are required to fill in the below details, which is mandatory:

Name of Firm: \_\_\_\_\_

Address of Firm: \_\_\_\_\_  
\_\_\_\_\_

CNIC #: \_\_\_\_\_

NTN #: \_\_\_\_\_

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

Bank A/C Title name: \_\_\_\_\_

Branch code: \_\_\_\_\_

Bank A/c #: \_\_\_\_\_

(16 Digits)

Bank IBAN #: \_\_\_\_\_

(24 Digits)

 Information already submitted.**Note: Please be attached copy of Cheque / Account Maintenance Certificate.(Mandatory)**\_\_\_\_\_  
Authorized Sign & Stamp

Date: \_\_\_\_\_

**Note: All payments transactions will be made on above mentioned Account details. This is only a one time information to be provided by the all beneficiaries. Incase if the above detail has already submitted, please tick the box above "Information already submitted" and also ensure Form-X is duly signed & stamped.**

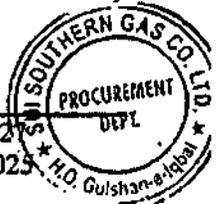
Services

Section - 2  
Special Conditions of Tender Document  
Tender Enquiry No. SSGC/SC/

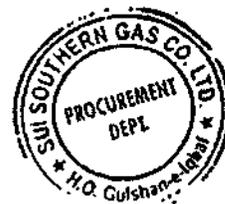
**Note:** In case of any conflict between special conditions of Tender Document and any other terms & conditions, the Special Conditions of Tender Document will govern / prevail.

- 1- Contractor to submit the following within 15 days after issuance of Letter of Intent (LOI).
  - a. Performance Bank Guarantee
  - b. Stamp Papers
  - c. Insurance Policy
  - d. Any other Document as mentioned in the LOI
- 2- Formal contract will be made on Non-Judicial stamp paper of value @ Rs 0.35 per hundred rupees of contract value, as per prevailing rate by Government of Sindh & Balochistan. The stamp duty will be borne by the contractor and also submit the copy of challan of stamp paper. Further as per Government of Sindh Board of Revenue notification NO.CIS/SWB/BOR/R&T-17/2022-808 dated 08-06-2022 all judicial and non-judicial stamp paper of the denomination of rupees five hundred and above shall be exclusively on e-stamp.
- 3- All kinds of Government Taxes, Duties and Levies against any item of the contract, shall entirely be the responsibility of the Contractor. Income Tax will be deducted as per applicable Law under the prevailing Government Rules. Rate of Income Tax deduction in relation to submission of Income Tax certificate from the Contractor should also be stipulated.
- 4- Bank Guarantee (Bid Bond Guarantee/Performance Bank Guarantee) will be made on Non-Judicial stamp paper at the prevailing rate as specified by the respective Provinces. Further the bidder/contractor submitting the Bid Bond guarantee/Performance Bank guarantee being prepared by the State Bank's schedule banks should ensure that there should be no deletion/insertion/alteration/modification of any terms in the Bid Bond/PBG guarantee format as given in the tender document or else bid will be liable for rejection.
- 5- If the letter to proceed (LTP) by user deptt. is not issued within six months after issuance of letter of intent (LOI), both the parties are at liberty to terminate/voke the LOI without any claim of loss or damage to the other party.
- 6- The completion period of the said work shall start with effect from the issuance of Letter to Proceed, which in case of work exigencies could be issued prior to signing of formal agreement.
- 7- In case of services and works tenders:  
Bids determined to be substantially responsive will be checked by the Procuring Agency for an arithmetic error. Errors will be corrected by the Procuring Agency as follows;
  - a. Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and
  - b. Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rates as quoted will govern, unless in the opinion of the Procuring Agency there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected.
- 8- The bidder shall fill in rates and prices for all items of the works / services described in the BOQ. Item against which no rate or price is entered by a bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by rates and prices for other items in the BOQ. Any Bidder who change / amend the BOQ or Price Schedule (description, Quantity, UOM etc.) will render the bid as conditional bid and will be liable for rejection.
- 9- **Method For Submission of Bid Bond (Under Single Stage Two Envelope Bidding Procedure):**  
In case of Single Stage Two Envelope Tenders the fixed bid bond as per clause#09 of General Terms & Conditions to be placed in the Technical Proposal. However, if the bid bond is placed in the financial proposal will also be considered. Without submission of bid bond (either in Technical proposal or financial proposal) the bid will be rejected.
- 10- Bid bond submission (2%) of the bid amount as mentioned in the clause 9 of General Terms & Conditions, to be treated as null & void, however other contents of clause 9 will remain unchanged. The submission of fixed amount of Bid security is appearing in the Schedule of Requirement/Bid Form.

Rev-SC-27  
22 Sept 2025



- a) All the bidders are advised to furnish fixed bid security (Original Instrument) as per amount appearing in Schedule of Requirement/Bid Form, failing which their bid will be rejected.
- b) The submission of fixed amount of bid security is also mandatory for all the bids valuing Rs.500,000/- or less.
- c) The word lowest bidder or the lowest evaluated bid has been substituted to read as most advantageous bid.
- 11- Bid shall remain valid for acceptance for period of (120) days from the date of public opening of the bids & Bid Bond validity is for 150 days.
- 12- In case the local agent requires to offer bid form more than one Principal / Manufacturer, it is mandatory to purchase separate tender document for each Principal / Manufacturer, failing which the bid submitted with the original tender document will only be accepted and the bid with photocopy of tender document will be rejected.
- 13- **Blacklisting Mechanism of Suppliers and Contractors and their Local Agent:**  
Black listing mechanism is attached separately in the tender documents which will become an integral part of Tender Documents and now be followed / enforced in true letter & spirit and supersede the Black listing terms as mentioned in the General Terms & Conditions.
- 14- Original counter slip of token which is issued with tender document to be attached on the TOP of envelope at the time of bid submission"
- 15- The Successful Contractor(s) / Supplier(s) / Consultant(s) shall submit a copy of Professional Tax Certificate with their Invoices / Bills failing which the payment will not be released.
- 16- **Contracts of Contractors**  
In the event the contractor is not willing to extend the CONTRACT for further term(s) / Period(s) under the same terms & conditions and the quoted price as defined in the bid documents, the contractor is liable to intimate in writing to SSGC at-least 3 (Three) months in advance prior to completion of the existing contract term / period, failing which, action will be taken as per tender terms.
- 17- **Insurance**  
In addition to the Clause 22 -Insurance, of General Term and Condition, when The Successful Contractor(s) / Supplier(s) will submit Insurance Policy to SSGC, the Insurance Company (policy issuer) should be registered with SECP, otherwise the insurance policy will not be considered / rejected at contractor's risk and cost. The insurance coverage period will be according to the work completion period as mentioned in the contract / tender documents.
- 18- **Fixed Bid Security - Alternative Bid**  
A bidder cannot submit two bids/offers with a single fixed bid security/pay order. However, the alternative bids/offers with separate fixed bid security/pay order can be accepted, failing which the bids will be liable for rejection.
- 19- **Bid Bond & PBG (Performance Bank Guarantee) for Proprietary Tenders**  
In case of proprietary Tenders, the Bid Bond & Performance Bank Guarantee (PBG) are not required / Applicable.
- 20- SSGC will not pay invoices if they are turned in after 6 months of work completion / material delivered.
- 21- It is mandatory for the bidders to follow all the terms and conditions given in the tender documents without any addition / deletion / amendment and submit the bid accordingly. Therefore, in this context, the bidders are requested not to give their own terms and conditions as it tantamount towards the conditional bid. Otherwise their terms and conditions will not be considered and the Purchase Order / Contract will be awarded based on only as per SSGC tender terms and conditions.
- 22- The bidders/contractors are required to provide their only one Bank Account number (IBAN number) on the 'FORM-X' attached duly signed & stamped as one time information, which shall be firm (not changeable) for all the future payment transactions.
- 23- **Payment:**  
The supplier after delivery of goods and its acceptance shall submit invoice to Finance Department of the Company, containing following information i.e.
- (a) Purchase order No. & date
  - (b) Items
  - (c) Quantity
  - (d) Price
  - (e) Invoice value
  - (f) Point of delivery
  - (g) Delivery challan indicating delivery date, etc.
  - (h) Supplier(s) are required to submit signed and stamp acknowledgement slip, Sales Tax return,



Annex "C" & Annex "I" (whichever applicable) in which Sales Tax (of relevant Sales Tax invoice) is paid. Payment will be made within 30 days of completion of stated requirements.

23. In case the insurance policy submitted by the contractor is expired during the execution of job, it is the responsibility of the user department to coordinate with the contractor to get it renewed/updated till the period the job is completed/commissioned.

In case the job is not completed within the given time as per tender terms and the insurance policy submitted by the contractor expires, the contractor is liable to get this insurance policy renewed / updated immediately till the period of the job is completed / commissioned as per tender terms failing which the contractor will be responsible for any loss to SSGC.

24. Bidders can quote their rates on both i.e. Schedule of Requirement/Bid Form as well as Bill of Quantity (BoQ)  
25. Subsequent to the issuance of LOI, successful bidder has to submit 10% Performance Bank Guarantee of the contract value unless and until specified in the tender document.

26. Company reserve the right to award the Purchase Order /LOI to most advantageous bidder.

27. As per SRO 592(I)/2022 of PPRA Regulations, for Procurement Contracts/Purchase Orders worth of Rs. 50 million and above, bidders/contractors are required to submit the Beneficial Owner's Information for Public Procurement Contracts/Purchase Orders (Annexure-I).

28. Bidder will be blacklisted and henceforth cross debarred for participating in respective category of Public Procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration (which is an integral part of tender document), however, without indulging in corrupt and fraudulent practices, if in breach of obligation(s) under the Bid conditions:

a) The bidder have withdrawn or modified their bid during the period of bid validity as specified in the tender terms.

b) Having been notified of the acceptance of bid by procuring agency during the period of bid validity (i) failure to sign the contract or accept purchase order (ii) fail or refuse to furnish the performance security or to comply with any other condition as mentioned in the tender document.

29. Wherever the "Rate Only" is mentioned (either on BOQ or anywhere in tender documents) the same shall only be applicable not exceeding 15% of the original procurement for the same items as given in the BOQ for package basis. In case the requirement is on item wise basis (not package basis) then not exceeding 15% of the original Procurement for the same items (on item wise basis) as given in the BOQ.

30. Lots: In case when the tender is floated on LOT basis, following clauses to be applied:

a) The bidder(s) are essentially / mandatorily required to submit fixed bid bond as mentioned in the bid form/BOQ/Invitation to Bid. Separate fixed bid bond to be submitted against each individual LOT and its validity to be 150 days at the time of opening of technical proposal.

b) Evaluation for each LOT will be carried out separately. Each LOT will be awarded separately.

31. For open competitive bidding if the most advantageous bidder is new local manufacturer, 10% trial order will be placed and remaining 90% order will be awarded to the next most advantageous bidder at their own quoted rates.

32. Redressal of Grievances And Settlement of Disputes:

- Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances within seven days of announcement of the technical evaluation report and five days after issuance of final evaluation report.
- In case, the complaint is filed against the technical evaluation report, the GRC shall suspend the procurement proceedings.
- In case, the complaint is filed after the issuance of final evaluation report, the complainant cannot raise any objection on technical evaluation of the report. Provided that the complainant may raise the objection on any part of the final evaluation report in case where single stage single envelope bidding procedure is adopted.

33. All the bidders are allowed to participate in the subject procurement without regard to nationality/origin, except bidders of some nationality/origin, prohibited in accordance with policy of the Federal Government. Following countries are ineligible to participate in the procurement process:

- India
- Israel



34. In Open Competitive Bidding Procedure where the quoted price is less than Rs. 500,000/- the Bid Bond will be retained in lieu of PBG.
35. In case the Bid Bond is not required, the bidder must submit the Form of Bid-Securing Declaration attached with the Tender Document else the Bid will be liable for rejection.
36. All Tenders floated through EPADS are to be governed by S.R.O. 296(D)/2023 dated: March 8, 2023 "E-Pak-Procurement Regulations 2023". In case of any conflict between SSGC Tender Terms / Instructions to Bidders and the PPRA EPADS Rules, the S.R.O. 296(D)/2023 will prevail.



Section 2  
(Goods + Material)

**Tender Enquiry No. SSGC/LP/  
Special Conditions of Tender Document**

**Note: In case of any conflict between Special Conditions of Tender Document and any other terms & conditions, the Special Conditions of Tender Document will govern / prevail.**

**1. Warranty / Guarantee Coverage**

- i) The successful bidder / supplier guarantee that the goods supplied against above tender enquiry are in all respect in accordance with the tender specifications & Purchase Order and that material used are in accordance with the latest approved standards and are of good workmanship / quality. Any item or part of item if found to be substandard or not meeting the specified criteria as per inspection carried out at stores. Then in such as event the Supplier / bidder hereby warrants and undertake to replace the same on Duly Delivery Paid (DDP) basis (INCOTERMS 2010) Le. Free of all cost including but not limited to transportation. Taxes and levies. In case successful bidder / supplier failure to replace the defective item / remove the defect(s) free of cost within the period specified by the Purchaser, the successful bidder / supplier will refund the relevant cost including all other expenses incurred by the purchaser in this regard.
- ii) The successful bidder / supplier must confirm that the warranty for non-consumable items will remain valid for 18 months and for consumable items (i.e. Chemical, Battery etc.) will remain valid for 6 months after the goods have been successfully delivered or commissioned.
- iii) It is mandatory that the successful bidder / supplier will submit the attached undertaking at Annex-1, duly filled, signed & stamped.
- iv) In case where performance guarantee is not applicable. the supplier shall confirm that all supplied goods under the contract / purchase order are new, unused, of most recent, or current models and incorporate all recent improvements in design and goods unless and otherwise provided in the contract / purchase order.
- v) The Warranty Undertaking being provided by the successful bidder is required to be submitted at least on Rs.200/— Non-judicial Stamp paper and should be duly notarized / attested.
- vi) In case of Supply, Installation, Testing & Commissioning, since all these activities are inter-related to each other, therefore, the payment of supplies will be released after successful installation, Testing & Commissioning.

**2. Bid Security:**

- a) Bid bond submission (2%) of the bid amount as mentioned in the clause 9 of General Terms & Conditions, to be treated as null & void, however, other contents of clause 9 will remain unchanged. The submission of fixed amount of Bid security is appearing in the Schedule of Requirement/Bid Form.
- b) All the bidders are advised to furnish fixed bid security (Original Instrument) as per amount appearing in Schedule of Requirement/Bid Form, failing which their bid will be rejected.
- c) The submission of fixed amount of bid security is also mandatory for all the bids valuing Rs.500,000/- or less.
- d) The word lowest bidder or the lowest evaluated bid has been substituted to read as **most advantageous bid**.
- e) Sub-clause 9.2 of the General Terms & Conditions to be treated as null & void, however, other contents of clause 9 will remain unchanged.

**3. Method For Submission of Bid Bond (Under Single Stage Two Envelope Bidding Procedure):**

In case of Single Stage Two Envelope Tenders the fixed bid bond as per clause#09 of General Terms & Conditions to be placed in the Technical Proposal. However, if the bid bond is placed in the financial proposal will also be considered. Without submission of bid bond (either in Technical proposal or financial proposal) the bid will be rejected.

**4. Bid Validity:**

All offers shall remain valid up to 120 days from the date of opening of bids and bid bond shall remain valid for 150 days.

**5. Declaration / Integrity Pact / Certification:** It is required to be submitted by the Successful Bidder on their letterheads after issuance of Purchase Order (PO) or Letter of Intent (LOI), for the value of Rs.10,000,000/- (Ten Million) or above. ANNEXURE-C is a mandatory requirement for successful bidder.

**6. Stamp Duty:**

"The successful Bidder shall provide the copy of challan and revenue stamp, of value at the rate of twenty five (25) paisa per every hundred Rupees or part thereof of the amount of the purchase order, or at the prevailing rate as specified by the Government of Province of Sindh." Further as per Government of Sindh Board of Revenue notification NO.CIS/SWB/BOR/R&T-17/2022-308 dated 08-06-2022 all judicial and non-judicial stamp paper of the denomination of rupee five hundred and above shall be exclusively on e-stamp.

**7. Cancellation of Purchase Order**

In case the supplier fails to deliver the material within the specified delivery schedule as given in Purchase order (P.O.) and maximum upto 120 days after the expiry of the specified delivery schedule as per Purchase Order, the Purchase Order will be treated automatically as cancelled at supplier's sole risk & cost. However, for the sake of

clarity liquidated damages (Clause-27 of General Terms Conditions) and Default by Supplier (Clause-28 of General Terms Conditions) will be treated as given in the General Terms & Conditions of the tender documents.

**8. Correct Postal Address.**

Bidder are essentially required to provide correct and latest postal, e-mail & web addresses, Phone/cell/fax numbers at the time of purchase of tender documents for effective and timely communication, failing which in event of any non-delivery of information /communication the procuring agency will not be held responsible and bid will be considered as non-responsive.

9. "In case the local agent requires to offer bid from more than one principal / Manufacturers, it is mandatory to purchase separate tender document for each principal /Manufacturer, failing which the bid submitted with the original tender document will only be accepted and the bid with photocopy of tender document will be rejected".

10. "Original counter slip of token which is issued with original tender document to be attached on the TOP of envelope at the time of bid submission".

11. The Successful Contractor(s) / Consultant(s) shall submit a copy of Professional Tax Certificate with their invoice / Bills failing which the payment will not be released.

**12. Blacklisting Mechanism of Suppliers and Contractors and their Local Agent:**

*Black listing mechanism is attached separately in the tender documents which will become an integral part of Tender Documents and now be followed / enforced in true letter & spirit and supersede the Black listing terms as mentioned in the General Terms & Conditions.*

**13. Bid Bond & PBG (Performance Bank Guarantee) for Proprietary Tenders**

*In case of proprietary Tenders, the Bid Bond & Performance Bank Guarantee (PBG) are not required / Applicable.*

14. Any Bidder who change / amend the BOQ or Price Schedule (description, Quantity, UOM etc.) will render the bid as conditional bid and will be liable for rejection.

15. Clause 14.1 of General Terms & Conditions is meant for vendorized items processed through negotiated tendering clauses.

16. For open competitive bidding if the most advantageous bidder is new local manufacturer, 10% trial order will be placed and remaining 90% order will be awarded to the next most advantageous bidder at their own quoted rates.

17. SSGC will not pay invoices if they are turned in after 6 months of work completion / material delivered.

18. It is mandatory for the bidders to follow all the terms and conditions given in the tender documents without any addition / deletion / amendment and submit the bid accordingly. Therefore, in this context, the bidders are requested not to give their own terms and conditions as it tantamount towards the conditional bid. Otherwise their terms and conditions will not be considered and the Purchase Order / Contract will be awarded based on only as per SSGC tender terms and conditions.

19. The bidders/contractors are required to provide their only one Bank Account number (IBAN number) on the 'FORM-X' attached duly signed & stamped as one time information, which shall be firm (not changeable) for all the future payment transactions.

**20. Payment:**

The supplier after delivery of goods and its acceptance shall submit invoice to Finance Department of the Company, containing following information i.e.

- (a) Purchase order No. & date
- (b) Items
- (c) Quantity
- (d) Price
- (e) Invoice value
- (f) Point of delivery
- (g) Delivery challan indicating delivery date, etc.
- (h) Supplier(s) are required to submit signed and stamp acknowledgement slip, Sales Tax return, Annex "C" & Annex "I" (whichever applicable) in which Sales Tax (of relevant Sales Tax invoice) is paid.

Payment will be made within 30 days of completion of stated requirements.

21. **Joint Ventures:** In the event that the bidder is bidding as a Joint Venture, the Company will require the joint venture agreement duly executed by the parties to the Joint Venture to be submitted with the bid. The joint venture parties shall also furnish an undertaking to be jointly and severally liable for all liabilities arising out of obligation under the Purchase Order / Contract. The, Joint Venture agreement of the parties must specify share of each partner and name of the lead partner along with their registration with the FBR, SST and BST as the case may be failure to specify these two narrations the joint venture agreement will not be entertained.

22. **Bank Guarantee (Bid Bond Guarantee/Performance Bank Guarantee) will be made on Non-Judicial stamp paper at the prevailing rate as specified by the respective Provinces. Further the bidder/contractor submitting the Bid Bond guarantee/Performance Bond guarantee being prepared by the State Bank's schedule banks should ensure that there should be no**

deletion/insertion/alteration/modification of any terms in the Bid Bond/PBG guarantee format as given in the tender document or else bid will be liable for rejection.

23. In case the insurance policy submitted by the contractor is expired during the execution of job, it is the responsibility of the user department to coordinate with the contractor to get it renewed/updated till the period the job is completed/commissioned.  
In case the job is not completed within the given time as per tender terms and the insurance policy submitted by the contractor expires, the contractor is liable to get this insurance policy renewed / updated immediately till the period of the job is completed / commissioned as per tender terms failing which the contractor will be responsible for any loss to SSGC.
24. Bidders can quote their rates on both i.e. Schedule of Requirement/Bid Form as well as Bill of Quantity (BoQ).
25. Company reserve the right to award the Purchase Order /LOI to the most advantageous bidder.
26. As per SRO 592(I)/2022 of PPRA Regulations, for Procurement Contracts/Purchase Orders worth of Rs. 50 million and above, bidders/contractors are required to submit the Beneficial Owner's Information for Public Procurement Contracts/Purchase Orders (Annexure-I).
27. **Fixed Bid Security – Alternative Bid**  
A bidder cannot submit two bids/offers with a single fixed bid security/pay order. However, the alternative bids/offers with separate fixed bid security/pay order can be accepted, failing which the bids will be liable for rejection. In case the bidder quote different make/brands/model that will also be considered as an Alternative bid/offer and require to submit separate Bid bond for each make/brand/model.
28. Bidder will be blacklisted and henceforth cross debarred for participating in respective category of Public Procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration (which is an integral part of tender document), however, without indulging in corrupt and fraudulent practices, if in breach of obligation(s) under the Bid conditions:
- The bidder have withdrawn or modified their bid during the period of bid validity as specified in the tender terms.
  - Having been notified of the acceptance of bid by procuring agency during the period of bid validity (i) failure to sign the contract or accept purchase order (ii) fail or refuse to furnish the performance security or to comply with any other condition as mentioned in the tender document.
29. The term "Call Deposit Receipt" mentioned in clause # 09 (Bid Bond) of General Terms & Conditions and in clause # 02 (Bid Bond) of Additional Terms for Tenders on F.O.B & C&F basis be treated as null & void.
30. Wherever the "Rate Only" is mentioned (either on BOQ or anywhere in tender documents) the same shall only be applicable not exceeding 15% of the original procurement for the same items as given in the BOQ for package basis. In case the requirement is on item wise basis (not package basis) then not exceeding 15% of the original Procurement for the same items (on item wise basis) as given in the BOQ.
31. Lots: In case when the tender is floated on LOT basis, following clauses to be applied:
- The bidder(s) are essentially / mandatorily-required to submit fixed bid bond as mentioned in the bid form/BOQ/Invitation to Bid. Separate fixed bid bond to be submitted against each individual LOT and its validity to be 150 days at the time of opening of technical proposal.
  - Evaluation for each LOT will be carried out separately. Each LOT will be awarded separately.
32. Subsequent to the issuance of Purchase Order/LOI, successful bidder has to submit 10% Performance Bank Guarantee of the Purchase Order/LOI value unless & until specified in the Tender Documents. Clause# 16.1.5 mentioned in General Terms & Conditions to be treated as null & void.
33. Redressal of Grievances And Settlement of Disputes:
- Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances within seven days of announcement of the technical evaluation report and five days after issuance of final evaluation report.
  - In case, the complaint is filed against the technical evaluation report, the GRC shall suspend the procurement proceedings.

- In case, the complaint is filed after the issuance of final evaluation report, the complainant cannot raise any objection on technical evaluation of the report. Provided that the complainant may raise the objection on any part of the final evaluation report in case where single stage single envelope bidding procedure is adopted.
34. The sub clauses 33.2, 33.4 & 33.5 of clause 33 of General Terms & Conditions to be treated as null & void.
35. All the bidders are allowed to participate in the subject procurement without regard to nationality/origin, except bidders of some nationality/origin, prohibited in accordance with policy of the Federal Government. Following countries are ineligible to participate in the procurement process:
- India
  - Israel
36. In Open Competitive Bidding Procedure where the quoted price is less than Rs. 500,000/- the Bid Bond will be retained in lieu of PBG.
37. In case the Bid Bond is not required, the bidder must submit the Form of Bid-Securing Declaration attached with the Tender Document else the Bid will be liable for rejection.
38. All Tenders floated through EPADS are to be governed by S.R.O. 296(I)/2023 dated: March 8, 2023 "E-Pak-Procurement Regulations 2023". In case of any conflict between SSGC Tender Terms / Instructions to Bidders and the PPRA EPADS Rules, the S.R.O. 296(I)/2023 will prevail.
39. **Samples:**  
When sample submission is required. Suppliers/bidders must submit samples:
- a) Along with the bid, if stated in the tender documents.
  - b) Within the time specified in the tender.
  - c) Upon request from the User Department for technical evaluation through official email/ letters.
- SAMPLE SUBMISSION LOCATION/ DEPARTMENT:**  
All samples must be submitted to the Procurement Department - Tender Room, SSGC Head Office with Duly filled in form "Y" attached in the tender document. Samples submitted other than the Procurement Department - Tender Room, SSGC Head Office will not be considered/accepted.
- The supplier/bidder must:**
- Fill in all required details (e.g., Tender No., Bidder Name, and Sample Description).
  - Attach supporting documents (if required):
  - Submit the completed Form-Y along with the sample.
- In absence of any of the above stated requirements the Samples will not be considered/accepted.

Sui Southern Gas Company Limited

Schedule of Requirement & Bid Form

SECTION - 3

RFQ_Number		SSGC/LP/EPADS/PT/2105944		Open Bidding Date		21-NOV-25 12:24	
Document_Number		2105944		Close Bidding Date		13-Jan-2026 15:30	
S#	Item_Code	Item Description	Unit	Quantity	Make / Brand	Unit Price Inclusive of all discount (if any) & Exclusive of GST	Value PKR
1	2	3	4	5		6	7 = 5 x 6
1	CC142171	SCADA SYSTEM SUPPLY OF SCADA SYSTEM INCLUDING RF-EQUIPMENTS, TOWER, PLC/RTU, FIELD INSTRUMENT, ENCLOSURE, SOLAR SYSTEM AND OTHERS REQUIRED HARDWARES AS PER SITE REQUIREMENT FOR POD JHAL MAGSI (AS PER BOQ)	Lot	1			
2	CC142172	SCADA SYSTEM SUPPLY OF SCADA SYSTEM INCLUDING RF-EQUIPMENTS, TOWER, PLC/RTU, FIELD INSTRUMENT, ENCLOSURE, SOLAR SYSTEM AND OTHERS REQUIRED HARDWARES AS PER SITE REQUIREMENT FOR MVA-25 (AS PER BOQ)	Lot	1			
3	CC142173	SCADA SYSTEM SUPPLY OF SCADA SYSTEM INCLUDING RF-EQUIPMENTS, TOWER, PLC/RTU, FIELD INSTRUMENT, ENCLOSURE, SOLAR SYSTEM AND OTHERS REQUIRED HARDWARES AS PER SITE REQUIREMENT FOR MVA-50 (AS PER BOQ)	Lot	1			
4	CC142174	SCADA SYSTEM SUPPLY OF SCADA SYSTEM INCLUDING RF-EQUIPMENTS, TOWER, PLC/RTU, FIELD INSTRUMENT, ENCLOSURE, SOLAR SYSTEM AND OTHERS REQUIRED HARDWARES AS PER SITE REQUIREMENT FOR MVA-75 (AS PER BOQ)	Lot	1			
5	CC142175	SCADA SYSTEM SUPPLY OF SCADA SYSTEM INCLUDING RF-EQUIPMENTS, FIELD INSTRUMENTS AND OTHERS REQUIRED HARDWARES AS PER SITE REQUIREMENT FOR VA-SHORI (AS PER BOQ)	Lot	1			
6	SC262721	SCADA SYSTEM SERVICES REQUIRED FOR SCADA SYSTEM, INSTALLATION, TESTING, INTEGRATION AND COMMISSIONING AT MVA-25 (AS PER BOQ)	Job	1			
7	SC262719	SCADA SYSTEM SERVICES REQUIRED FOR SCADA SYSTEM, INSTALLATION, TESTING, INTEGRATION AND COMMISSIONING AT POD JHAL MAGSI (AS PER BOQ)	Job	1			
8	SC262722	SCADA SYSTEM SERVICES REQUIRED FOR SCADA SYSTEM, INSTALLATION, TESTING, INTEGRATION AND COMMISSIONING AT MVA-50 (AS PER BOQ)	Job	1			
9	SC262723	SCADA SYSTEM SERVICES REQUIRED FOR SCADA SYSTEM, INSTALLATION, TESTING, INTEGRATION AND COMMISSIONING AT MVA-75 (AS PER BOQ)	Job	1			
10	SC262724	SCADA SYSTEM SERVICES REQUIRED FOR SCADA SYSTEM, INSTALLATION, TESTING, INTEGRATION AND COMMISSIONING AT VA-SHORI (AS PER BOQ)	Job	1			

# Sui Southern Gas Company Limited

## Schedule of Requirement & Bid Form

SECTION - 3

RFQ_Number		SSGC/LP/EPADS/PT/2105944		Open Bidding Date		21-NOV-25 12:24	
Document_Number		2105944		Close Bidding Date		16-DEC-25 15:30	
S#	Item_Code	Item Description	Unit	Quantity	Make / Brand	Unit Price inclusive of all discount (if any) & Exclusive of GST	Value -PKR
1	2	3	4	5		6	7 = 5 x 6
10	SC262724	SCADA SYSTEM SERVICES REQUIRED FOR SCADA SYSTEM, INSTALLATION, TESTING, INTEGRATION AND COMMISSIONING AT VA-SHORI (AS PER BOQ)	Job	1			
Total Fix Bid Bond Amount PKR: 296,000							

**NOTE:**

- The quoted unit price and corresponding total amount shall be inclusive of all duties and taxes and discount (if any) except General Sales Tax. (GST). Sales Tax will be applicable as per GST act and subsequent amendments of time to time. GST will be reimbursed to manufacturer and importers only subject to production of paid invoice.
- Bidders are essentially required to quote on bid form. Rates quoted on other than bid form will not be entertained.
- Any queries / complaints regarding subject tender enquiry shall be addressed to GM(P) / DGM(P) in writing
- EVALUATION CRITERIA :** Order will be placed on the Lowest Technically / Commercially Compliant bidder (s), unless specified otherwise.
- In case when bidder submit alternate bids, a separate Bid Bond for each bid is required. All the bidders are advised to furnish fixed bid security amount appearing in price schedule/BOQ otherwise, bid will be liable for rejection. The submission of fixed amount of bid security is also mandatory for all the bids valuing RS.500,000/- or less.
- Any Bidder who change/amend the BOQ or Price Schedule (Description, Quantity, UOM etc.) will render the bid as conditional bid and will be liable for rejection.
- Bid bond submission (2%) of the bid amount as mentioned in the clause 9 of General Terms & Conditions, to be treated as null & void, however, other contents of clause 9 will remain unchanged.
- All offers shall remain valid up to 120 days from the date of opening of bids and bid bond shall remain valid for 150 days.
- Special terms & conditions and warranty guaranty attached at annexure 01.

Signature : \_\_\_\_\_  
 Person Name : \_\_\_\_\_  
 Company's Name : \_\_\_\_\_  
 Date : \_\_\_\_\_



STAMP

**End of page, any entry beyond this line would be invalid**

Completion Period: Should be completed within 04 months after the award of Letter to Proceed (LTP) from SSGCL.

**Note:**

- Tender is on complete package basis and Turnkey Basis.
- Bidder should be registered in PEC with C4 or above category with specialized codes CE08, EE03 or EE04, EE07 or EE08.
- Under Single Stage Two Envelope Bidding Procedure).

6

**"Note: Tender document is also available online on SSGC website for view only. Bidder is eligible to participate in bidding process only after purchasing the tender documents from Tender Room SSGC Head-Office as per the procedure mentioned in the Press Publication / SSGC website. It is mandatory for bidders to attach original Token Slip in front of the Sealed Envelope (issued at the time of Purchasing) as an evidence that supplier has purchased the Tender documents. Further, any Corrigendum/Clarifications/Addendums/Extensions issued to be notified to only those bidders who have purchased Tender documents."**

**In case when bidder submit alternate bids, a separate Bid Bond for each bid is required. Otherwise bid will be liable for rejection. The quoted unit price and corresponding total amount shall be inclusive of all duties and taxes and discounted (if any) except General Sales Tax (GST). Sales Tax will be applicable as per GST act and subsequent amendments of time-to-time. GST will be reimbursed to manufacturer and importers only subject to production of paid invoice.**

**Evaluation Criteria: - Order will be placed on Lowest Technically / Commercially Compliant bidders.**

**Special terms & Conditions and Warranty Guaranty attached at annexure 01.**

**Bid Validity: 120 days.**

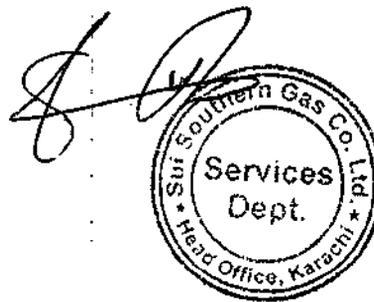
**Earnest Money (Fixed Bid Bond): PKR 296,000/-**

**Completion Period: Should be completed within 04 months after the award of Letter to Proceed (LTP) from SSGCL.**

**Note:**

- **Tender is on complete package basis and Turnkey Basis.**
- **Bidder should be registered in PEC with C4 or above category with specialized codes CE08, EE03 or EE04, EE07 or EE08.**
- **Under Single Stage Two Envelope Bidding Procedure).**

**Design, Supply, Installation, and  
Commissioning of Complete SCADA System  
for Jhal-Magsi Pipeline Covering 05 Valve  
Assemblies on Complete Package and  
Turnkey Basis**



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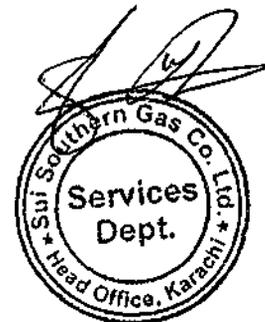
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## List of Abbreviations

SSGCL	Sui Southern Gas Company Limited
VA	Valve assembly
PSIG	Pounds per Square Inches Gauge
E&P	Exploration and Production
PEC	Pakistan Engineering Council
PID	Proportional Integral Derivative
PPRA	Public Procurement Regulatory Authority
HSE /QA / QC	Health, Safety Environment / Quality Assurance / Quality Control
HAZOP	Hazard and Operability Study
OEM	Original Equipment Manufacturer
OGRA	Oil and Gas Regulatory Authority
ASME	American Society of Mechanical Engineers
SS	Stainless Steel
FAB	Frequency Allocation Board
PTA	Pakistan Telecommunication Authority
dBm	Decibel mill watt
RSSI	Received Signal Strength Indicator
HART	Highway Addressable Remote Transducer Protocol
BOQ	Bill of Quantities
ISA	International Society of Automation
IEC	International Electro technical Commission
VRLA	Valve Regulated Lead Acid
SCADA	Supervisory Control and Data Acquisition
JB	Junction Box
POD	Point of delivery
PT	Pressure transmitter



## IMPORTANT NOTICE TO ALL BIDDERS

### 1. Disclaimers

SSGCL does not warrant the completeness of the information presented herein, nor makes any representation that the information presented herein constitute all the information necessary to prepare the Proposal for, or to develop, the Project. Each Bidder accepts full responsibility for conducting an independent analysis of the feasibility of the Project and for gathering and presenting all necessary information. The Bidder assumes all risks associated with the Project and no adjustments whatsoever will be made based on the Bidder's interpretation of the information provided.

In submitting a Bid in response to this Tender, each Bidder certifies that it understands, accepts and agrees to the disclaimers on this page. Nothing contained in any other provision of the Tender nor any statements made orally or in writing by any person or party shall have the effect of negating or superseding any of the disclaimers set forth on this page.

By the act of participating in this tendering process, the bidders indemnify SSGCL from any incidental or consequential, special, exemplary, punitive or similar damages or charges during the whole term of the project.



## 2. Introduction

Sui Southern Gas Company Limited (SSGC) is a publicly listed large-scale company and Pakistan's leading integrated gas utility. The company primarily engaged in the transmission and distribution of natural gas, along with the installation of high-pressure transmission and low-pressure distribution systems.

In addition to its core activities, SSGC owns two subsidiaries: SSGC-LPG, which focuses on the import, marketing and distribution of LPG, and SSGC-AE, which is involved in non-conventional gases, fuels and renewable energy streams. SSGC also operates a Meter Manufacturing Plant dedicated to producing natural gas meters for residential applications. This facility manufactures two models of gas meters—the G-1.6 and G-4—with a cumulative annual production capacity exceeding 1 million units, ensuring the company can meet the growing demand for reliable gas metering solutions.

For more detailed information about SSGC's operations, please visit official website at [www.ssgc.com.pk](http://www.ssgc.com.pk)

## 3. Project Objective

SSGCL is seeking to install a SCADA System on the new O5 valve assemblies and seamlessly integrate it with existing SCADA infrastructure.

The objective of this project is to design, supply, install, and commission a comprehensive automation and control system for O5 valve assemblies on a complete turnkey basis. The system will provide automated operation of the valves, real time monitoring of transmitters, control and feedback through a Supervisory Control and Data Acquisition (SCADA) platform.

A key goal is the seamless integration of the new valve assemblies with the existing SCADA system. To ensure secure and uninterrupted data communication, the project will also cover detailed RF path planning, design, and implementation of a robust wireless communication network connecting the valve stations to the nearest repeater station.

Firms with extensive experience in automating oil and gas facilities are invited to submit their bids under this tender. The selected contractor will be fully responsible for the design, supply, fabrication, installation, and commissioning as per objective.



#### 4. Valve Assembly Infrastructure Brief

Valve assemblies are vital in the gas sector for regulating, isolating, and controlling gas flow within transmission and distribution networks. Installed at critical points along pipelines, they ensure safe operation, provide sectional isolation, and support emergency response when required.

Their main purpose is to control gas flow during normal operations, allow isolation for maintenance, and enable rapid shutdown during emergencies. This enhances system safety, reduces downtime, and ensures reliable gas supply.

Installing SCADA systems at valve assemblies further improves efficiency by enabling remote monitoring, real-time control and data logging. SCADA integration reduces manual intervention, improves safety and ensures secure, centralized, and intelligent pipeline operations.



Figure 1: Valve Assembly



## 5. Existing SCADA System Description of Valve Assembly

SSGC has successfully installed SCADA Systems at various Valve Assemblies all across Sindh and Baluchistan. The SCADA system deployed at various valve assemblies provides real-time acquisition and monitoring of field instrumentation (e.g., pressure transmitters). In addition to continuous data visualization, the system supports remote control functionality of valves, enabling operators to issue valve close commands within a few seconds.

In the existing SCADA network architecture, process variables from field instrumentation (pressure) is transmitted as analog signals (typically 4–20 mA HART Protocol ) to the PLC located at the valve assembly or remote site. The PLC performs signal conditioning, scaling, and initial control logic execution. From the PLC, data is handed off to a licensed UHF band transceiver radio, which modulates the digital information into an RF carrier. This modulated RF signal is then transmitted via a directional antenna mounted on the communication tower at the site.

The directional antenna establishes a line-of-sight RF link directly with the Master Station antenna at nearest repeater station. The repeater receives and re-transmits the RF signal, maintaining signal integrity and coverage extension.

Finally, the RF transmission is received by the Master Radio at the repeater station. The master radio demodulates the signal, passes it to a Moxa (Serial-to-IP converter) and from there the data is forwarded into the network switch, making it available to the SCADA servers and operator workstations for real-time monitoring, alarming, and control.

The entire system has been custom-designed, developed, programmed, installed, and commissioned in accordance with SSGC's operational requirements.

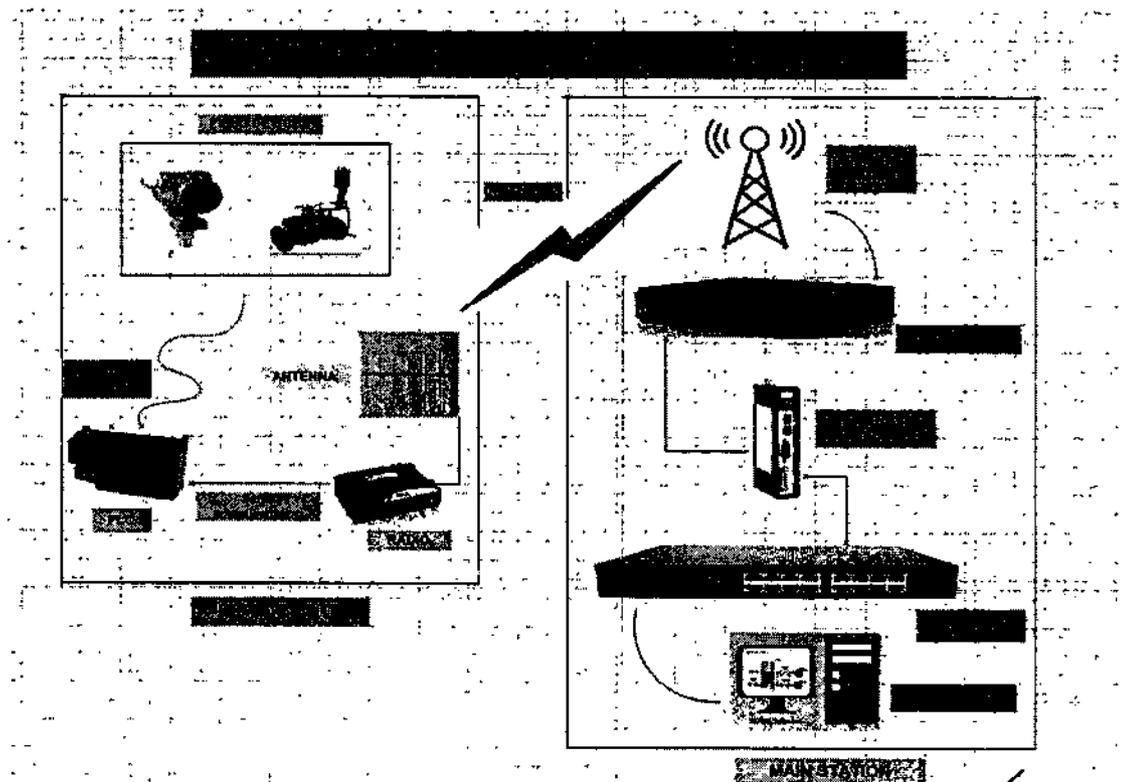
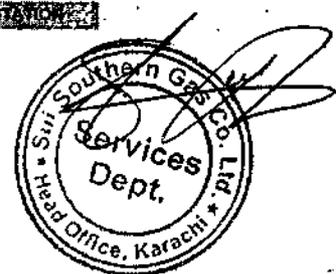


Figure 2: SCADA Architecture



## 6. Route Map

The gas pipeline of 8" Dia x 100Km starting from Jhal-Magsi and ending at Shori comprising of 05 valve assemblies including Point of delivery (POD). Following are the coordinates of all five locations with their site names:

S.NO.	SITE NAME	LATITUDE	LONGITUDE
1	POD JHAL MAGSI	28° 16' 52.51" N	67° 28' 5.30" E
2	MVA-25	28° 25' 1.04" N	67° 34' 11.97" E
3	MVA-50	28° 32' 35.78" N	67° 41' 50.60" E
4	MVA-75	28° 41' 4.32" N	67° 51' 32.70" E
5	VA-SHORI	28° 43' 46.46" N	68° 04' 33.19" E

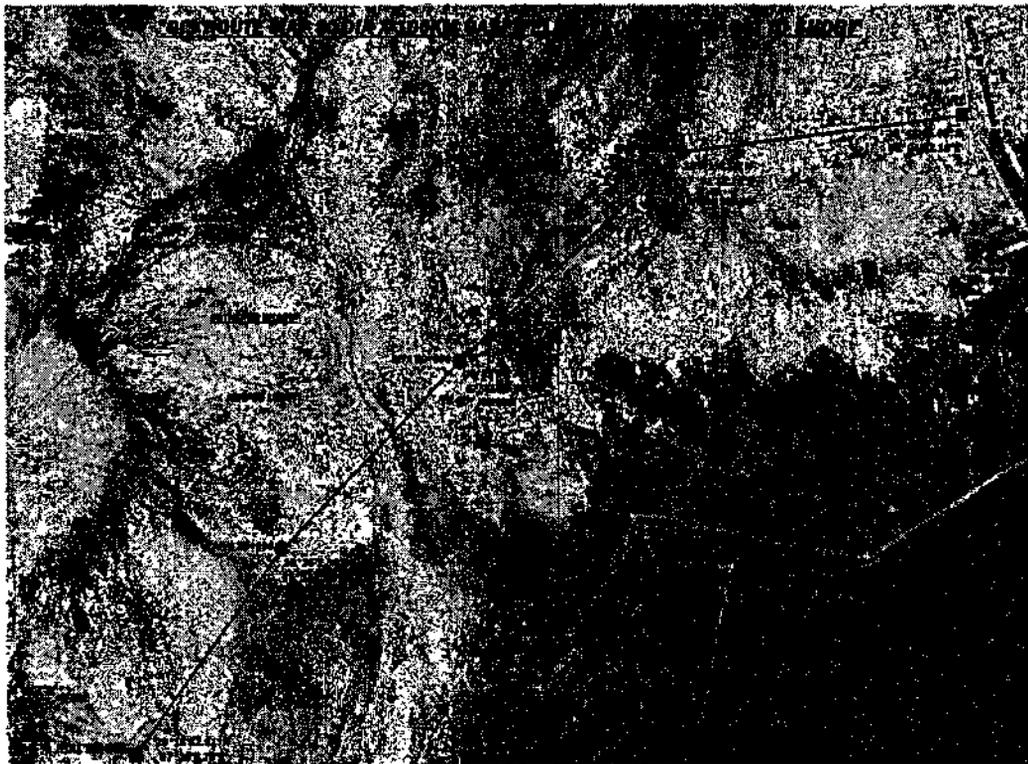


Figure 3: Route map



## 7. Project Delivery Period

The entire project of automation and control of five valve assemblies on turnkey and package basis and their integration with existing automation system, should be completed within 4 Months, after the award of Letter to Proceed (LTP) from SSGCL.

Vendor/Bidder shall submit an overall project schedule showing the number of calendar days required to reach the date of completion & showing the time required for completion of various phases of project.

Vendor shall submit detailed Gantt chart for the entire project at various phases including all engineering design, surveys, local & foreign procurement, installation and commissioning, testing, work force and equipment allocation report.



## 8. Scope of Work

### 8.1 General Scope

- i. The Contractor shall be responsible for activities to be performed on Valve assemblies, included but not limited to those mentioned in the tender herein:
- ii. The contractor shall be responsible for automation of 05 valve assemblies and integrate all of them into the existing Scada system.
- iii. The contractor shall be responsible for the design and detailed engineering of the automation and control solution/proposal, ease of maintenance, site conditions, operation criticality, and overall system reliability. The contractor must propose the most suitable solution, keeping in mind the operational requirements and international standards, including but not limited to IEC 61850, IEC 61131, ISA 95, IEEE 1613, IEC 11801, IEC 60529 and the ISA 75 series. The solution must also adhere to best practices in oil and gas distribution, OGRA standards, Process Safety, and comply with the technical specifications outlined in the tender.
- iv. The contractor shall keep in view the site process conditions and design the system such that it must be capable of operating adequately throughout the operational envelope and any details shared later after award of contract
- v. Bidders are advised to visit the sites and thoroughly review the existing structure of the valve assemblies.
- vi. For the valve assemblies, the communication medium will be the Radio Frequency (RF) system. The general RF system specifications are provided in the tender; however, detailed specifications, if required, will only be shared with the successful bidder.
- vii. The contractor shall submit all relevant documentation, including but not limited to Preliminary Design Reports , Detailed Engineering Design Reports, Installation Reports, CAD Designing reports, datasheets, drawings, wiring diagrams, schedules, PLC programming, network coverage reports, RF communication path reports, load calculations etc. The contractor shall also provide all relevant material certificates, calibration certificates, and inspection test certificates for each delivered item.
- viii. All key components of the automation system quoted in the proposed solution, including but not limited to, PLC controllers, batteries, solar systems, charge controllers, pressure transmitters, slave/master radios, antennas, cabling, IP 65 or higher junction boxes, tower material, complete RTU with connectors, circuit breakers, internal/external wiring, etc., must be sourced from renowned international manufacturers and OEMs. When sourcing critical components, the Reliability, Availability, and Maintainability (RAM) of the overall system must be considered as the highest priority.
- ix. The RTU enclosure housing shall include PLC, communication radios, solar charge controller and backup batteries, complete with internal wiring, terminations and necessary protections for reliable field operation.
- x. Supply and installation of robust and highly reliable transmitters capable of covering all possible pressure ranges, along with supporting mounting pole, manifold, brackets, tubing, and all related items.



- xi. Supply and installation of an advanced PLC that is reliable and compatible with the expected functions. The controller must be capable of mitigating conversion risks, handling high-speed counter inputs, and improving overall efficiency with expanded capabilities and functionalities.
- xii. During the design phase, the bidder will provide a Proof of Concept (POC) for the automation system and its integration.
- xiii. The bidder will plan and host a minimum of two (02) days of Engineering Design Review meetings and (01) days HAZOP (Hazard and Operability) study, to be conducted outside the SSGCL premises, preferably in Karachi.
- xiv. The contractor shall provide comprehensive knowledge-sharing and training to SSGCL staff to enable them to operate and perform blue-collar tasks (field maintenance activities) related to the complete automation and control system. This includes, but is not limited to, training on all hardware/equipment installed at sites, minor issues related to devices, networking, and other associated components. The knowledge transfer and hands-on training shall not be limited to a specific number of days. It is the contractor's responsibility to ensure that SSGCL staff are fully trained to the extent that they can independently perform all blue-collar tasks and address the aforementioned minor issues. Until the SSGCL staff are adequately trained and capable of performing these tasks independently, the contractor shall continue to provide the necessary services at no additional cost.
- xv. Supply & Installation of Pressure Transmitter for monitoring of upstream and downstream pressures.
- xvi. Supply and Installation of Solar System, Class 1 Division II MPPT Solar Charge Controller with Batteries. The system must be capable to supply minimum 2-3 days of power backup.
- xvii. Supply and Installation of IP 65 or above Junction Boxes and RTU Enclosure.
- xviii. Completion of all allied works, whether explicitly mentioned here or communicated during the design or execution stages, required for the proper functioning of the complete system.
- xix. Provide after sales support during the warranty period.



## 8.2 Technical Scope:

Bidders are advised to visit the designated sites to thoroughly review and study the complete RF communication path from the starting point **POD – Jhal Magsi** to the end point **VA-Shori**. The site survey and RF path profiling shall form the basis of the bidder's proposed system design, ensuring reliable communication performance in accordance with the specified frequency band and regulatory requirements. At the end point (**VA-Shori**), the bidder shall be responsible for the integration of other **four valve assemblies** into SSGC's existing SCADA infrastructure, ensuring smooth data acquisition, monitoring, and control functions. Furthermore, at **VA-Shori**, the bidder's responsibility shall be limited to the integration of field devices and valve automation only with the already installed RTU, without replacement or modification of the existing RTU hardware. Also, note that at **VA-Shori** bidder should utilize existing Microwave Communication Tower. All works shall be carried out in coordination with SSGC engineers to ensure compatibility, seamless interfacing, and successful commissioning.

### a. RF Communication:

- i. The bidder shall conduct detailed path profiling including terrain analysis, line of sight verification, receive signal level/thresholds, antenna mounting height and obstruction identification.
- ii. The bidder must ensure to design and propose the RF communication system strictly within frequency bands approved/licensed for SSGC by PTA (for reference see technical specs of radios).
- iii. Any RF equipment's offered shall fully comply with SSGC UHF network frequency range.
- iv. The RF communication system shall be designed to ensure a minimum 99.5% link availability considering environmental and geographical conditions.
- v. All RF equipment's shall comply with international standards and local regulatory authority.
- vi. All RF equipment's shall be industrial grade, suitable for outdoor installation and capable of operating under local weather conditions.
- vii. The proposed RF system must be fully compatible with existing SCADA/telemetry infrastructure.
- viii. The bidder must demonstrate successful end-to-end data transmission before final submission of commissioning report.
- ix. The bidder shall provide detailed system documentation including detailed RF path profiling report, RF designs, test results and operation manuals.
- x. All proposed solutions must adhere to the National frequency allocation plan and directives issued by PTA.
- xi. Proposed communication equipment's for the project should be PTA approved.



b. Field devices Connectivity

- i. The bidder shall supply, install and commission of pressure transmitters including mounting poles, brackets and 2-inline block and bleed manifold.
- ii. All PT's shall be installed at designated tapping points on high-pressure pipelines with proper impulse tubing, fittings and support as per standard practices.
- iii. The bidder shall integrate all PT's, valve and other field devices with RTU/PLC to enable real time monitoring and valve automation.
- iv. The bidder shall carry out full valve automation work, including actuator wiring, interconnections, functional checks and integration with RTU/PLC.
- v. A detailed actuator diagram including wiring/connection provided by SSGC, and bidder shall follow these drawings during installation (see technical specs of valve).
- vi. The bidder shall be responsible for carrying out the wiring of valve/actuator closing operation only, and shall also perform wiring through limit switches (already installed) to ensure valve status (open/close) is properly indicated on PLC digital points.
- vii. The bidder shall conduct functional testing and calibration of PT's and actuator's limit switches before final commissioning.

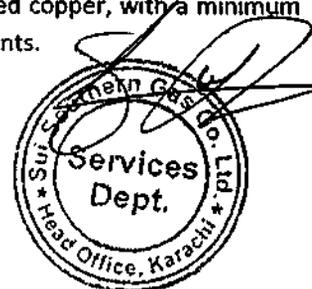
c. RTU Installation:

The bidder shall be fully responsible for the supply, installation, termination, and commissioning of the RTU NEMA-rated enclosure box at the designated site. The scope of work shall include, but not be limited to, the following:

- i. The bidder shall first analyze and determine the most suitable location for installation of the RTU NEMA enclosure at the valve assembly, ensuring accessibility, protection, minimum cable routing and compliance with safety standards.
- ii. The bidder shall supply a NEMA-rated enclosure box (minimum NEMA 4X or equivalent, weatherproof and dustproof) suitable for outdoor installation (see NEMA enclosure specs).
- iii. The bidder shall construct a suitable foundation for the RTU enclosure box, as per approved design and site requirements
- iv. The bidder shall ensure proper alignment, leveling, and secure fastening of the enclosure to prevent vibration or displacement.
- v. The bidder shall install the RTU at a suitable location in close proximity to the tower to minimize antenna cable length, reduce signal losses, and ensure ease of maintenance.

d. Cables & Field Wiring:

- i. The Bidder shall supply, install, terminate, and commission all field and control cables in full compliance with this specification, approved drawings, and SSGC safety and regulatory requirements.
- ii. All cables shall be armored, shielded, multi-core, and suitable for automation, telemetry, and SCADA applications. Conductors shall be copper or tinned copper, with a minimum size of 1.5 sq.mm, or larger as per load and design requirements.



- iii. Cables shall have XLPE or LSZH insulation, UV- and flame-resistant sheathing, and electromagnetic shielding (braided copper or aluminum foil). They shall be suitable for continuous operation between  $-10^{\circ}\text{C}$  and  $+70^{\circ}\text{C}$  and comply with IEC 60332, BS 5308, BS 6724, or equivalent standards.
- iv. Cable manufacturers shall hold valid ISO 9001 and ISO 14001 certifications.
- v. Typical minimum cable configurations shall be:
  - a. 4-core armored cable from each Pressure Transmitter (PT) to the Main Junction Box (JB).
  - b. 10-core armored cable from each Valve/Actuator to the Main Junction Box.
  - c. 20-core armored cable from each Main Junction Box to the RTU/PLC.
- vi. All terminations shall use IP66 brass double-compression glands and tinned-copper lugs. UPVC conduits shall be used in dry indoor areas, and flexible conduits where movement or protection is required.
- vii. All Junction Boxes shall be industrial-grade, weatherproof, fitted with terminal blocks, and installed securely with brackets and supports. Each JB shall be labeled and tagged for identification and maintenance.
- viii. Cable routing shall follow approved routes. Trenches shall be excavated to a minimum depth of 2 feet, with cables laid on sand bedding, protected with bricks and caution tape, and backfilled and compacted. Aboveground runs shall be routed on cable trays or conduits and protected from mechanical damage.
- ix. All cables shall be tagged and numbered at both ends and intermediate points. Cable ends shall be properly lugged, crimped, and terminated in accordance with approved wiring diagrams.
- x. Prior to energization, the Bidder shall perform and record:
  - a. Continuity test for each conductor.
  - b. Insulation-resistance test between cores and armor/sheath.
  - c. Loop and polarity test for control and signal cables.
  - d. Defective cables shall be replaced at no additional cost.
- xi. The Bidder shall submit complete CAD drawings and as-built documentation, including RTU/PLC wiring, JB schematics, interconnection drawings, cable schedules, test reports, and route layouts.
- xii. All work shall comply with SSGC safety standards, Permit-to-Work (PTW) procedures, and relevant statutory regulations. Personnel shall be trained, competent, and equipped with appropriate PPE. Work areas shall remain safe, marked, and unobstructed throughout execution.

e. Communication Tower:

The bidder shall be fully responsible for the design, supply, delivery, fabrication, erection, installation, testing, and commissioning of a self-supporting triangular lattice tower for communication purposes. The scope of work shall include, but not be limited to, the following:

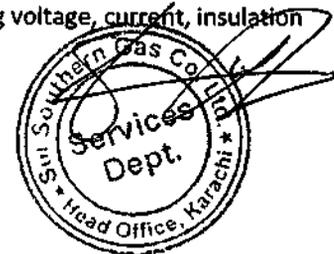
- i. The bidder shall carry out detailed engineering and structural design of the tower, taking into account the RF path profiling report, soil conditions, wind loading, and environmental factors.



- ii. The bidder shall fabricate and supply all tower sections, base plates, bolts, nuts, washers, and required accessories ensuring compliance with specified standard such as ASTM A36 for steel and ASTM A325 for nut/bolts.
- iii. The bidder shall arrange safe and secure transportation of all tower materials to the designated SSGC site.
- iv. The bidder shall design and construct reinforced concrete foundations suitable for the tower, taking into account local soil conditions.
- v. The bidder shall provide all civil works, including excavation, concreting, reinforcement, curing, and installation of anchor bolts/base plates.
- vi. The bidder shall erect the triangular tower, ensuring alignment, stability, and compliance with approved drawings given by bidder.
- vii. All erection works shall be carried out using proper lifting equipment, scaffolding, and safety gear.
- viii. The bidder shall ensure all steel members are hot-dip galvanized as per specifications.
- ix. The bidder shall be responsible for the supply, installation, and alignment of antennas along with antenna cables.
- x. The bidder shall ensure securely fastened antenna cable along the tower structure from antenna to RTU using UV resistant, weather and corrosion proof clamps at regular interval to prevent sagging or mechanical stress.
- xi. All clamps and fastening accessories should be industrial grade and suitable for long term outdoor installation.
- xii. All antennas shall be installed using appropriate clamps, brackets, and antenna mounts as per approved design and manufacturer's recommendations.
- xiii. The bidder shall conduct inspection, load verification, and alignment testing of the tower.
- xiv. Final acceptance testing shall be witnessed by SSGC representatives.
- xv. The bidder shall provide as-built drawings, design calculations, material certificates, galvanization test reports, and foundation drawings.

f. Solar power:

- i. The bidder shall supply high-efficiency solar PV panels with minimum 20-year performance warranty.
- ii. Panels shall be securely mounted using aluminum mounting frames designed to withstand local wind speeds and environmental conditions.
- iii. Mounting frames shall be corrosion-resistant, vibration-resistant, and provided with anti-theft fasteners.
- iv. The bidder shall ensure proper orientation and tilt angle to optimize solar energy generation.
- v. The bidder shall provide and install all necessary DC cabling (UV-resistant, outdoor-rated, fire-retardant) from the solar panels to the RTU box.
- vi. Cables shall be routed neatly along the tower using UV-protected weatherproof clamps at regular intervals.
- vii. All connections shall use MC4 connectors or equivalent, ensuring watertight sealing.
- viii. The bidder shall connect the solar panel output to the solar charge controller housed inside the RTU NEMA enclosure box.
- ix. The bidder shall perform testing of the solar PV system including voltage, current, insulation resistance, polarity, and performance verification.



- x. Functional testing with the RTU load shall be demonstrated in the presence of SSGC representatives.
- xi. The bidder shall provide manufacturer datasheets, test certificates, wiring diagrams, and as-built drawings.
- xii. The system shall be designed for autonomous operation with sufficient backup (minimum 2-3 days autonomy).

g. Junction Box

- i. Junction box shall have a minimum ingress protection rating of IP65 or higher for dust and water resistance.
- ii. The junction box shall be constructed from stainless steel (SS) or Fiber for higher durability and suitable for long-term outdoor installation.
- iii. The junction box enclosure shall be constructed from high-quality, corrosion-resistant materials to ensure durability and safe operation in challenging environments.
- iv. The size of the junction box shall be designed to accommodate armored telemetry cables up to minimum of 20 core, with provision of future expansion and easy access for maintenance.
- v. The junction box shall be mounted above ground level on the civil enclosures available at the site.
- vi. The enclosure shall include multiple cable entry points and lockable, weatherproof cover with rubber gaskets or IP-rated cable glands for proper sealing and protection against external elements.
- vii. Inside the enclosure, connector strips/terminal blocks of industrial grade shall be installed, capable of securely terminating all cable cores while providing reliable connectivity.
- viii. The junction box enclosure shall comply with international standards such as IEC 60529 (Ingress Protection), IEC 60068 series (Environmental protection) and ISO 9001 for quality management.
- ix. The junction box enclosure shall provide easy access for maintenance.

h. Communication Mediums (Radio Frequency)

The communication infrastructure for the VA's will leverage the Radio Frequency (RF) communication system. The general RF system specifications are detailed in the tender documents; such as frequency allocation between 400-450 MHz etc., however, more specific technical information will be shared only with the successful bidder.

Bidders are required to conduct a site survey to evaluate RF coverage, terrain obstacles, and environmental factors (such as temperature and humidity) that may affect the signal propagation. The bidder will need to ensure that the signal strength, antenna alignment, and coverage areas meet the required thresholds for communication reliability and availability. Site survey reports detailing the radio coverage, path loss analysis, and any additional hardware requirements must be submitted during the engineering design phases of project.

Finally, the bidder is responsible for ensuring that all communication systems meet the required operational needs.



i. Hazardous Area & Weather Protection

All electronics devices including RTU, Pressure Transmitter, PLC, Battery and Charge controller shall be suitable for operation in natural gas environment, as per classification of each site determined by the Contractor during the Detailed Engineering phase and in HAZOP study. All equipment provided shall have suitable ingress protection.

j. Work Schedule

The Contractor shall provide a detailed work schedule outlining the timeline for all project activities, including but not limited to the kick-off, planning, design, procurement, construction, installation, pre-commissioning, and commissioning phases. This schedule will enable SSGCL to verify progress on a bi-weekly or monthly basis to ensure it aligns with the project timelines.

k. Project Document Dossiers

The Contractor shall provide three (03) sets of complete project document dossiers, covering all documents, including but not limited to engineering design documents, detailed construction drawings, testing and inspection reports, quality control documentation, commissioning reports, training materials, operation manuals, as-built drawings, and any other relevant documentation required for the construction, installation, and maintenance of the project.

l. HSE & QA Compliance

The HSE & QA Compliance shall be in accordance with SSGCL's Integrated Management System (IMS) Procedure, "Guidelines for Suppliers and Contractors" (SSGCL-IMS/GSC-08), which is enclosed with this tender.

The following safety precautions must be followed:

- i. Wearing closed shoes, safety harness/belt, safety helmets, goggles, gloves, etc.
- ii. Avoiding loose clothing.
- iii. Not using defective machinery and plant.
- iv. Not working in unsafe conditions.
- v. Not performing unsafe acts.





b. MVA-50

PROPOSED MVA PLAN AND BOUNDARY WALLS

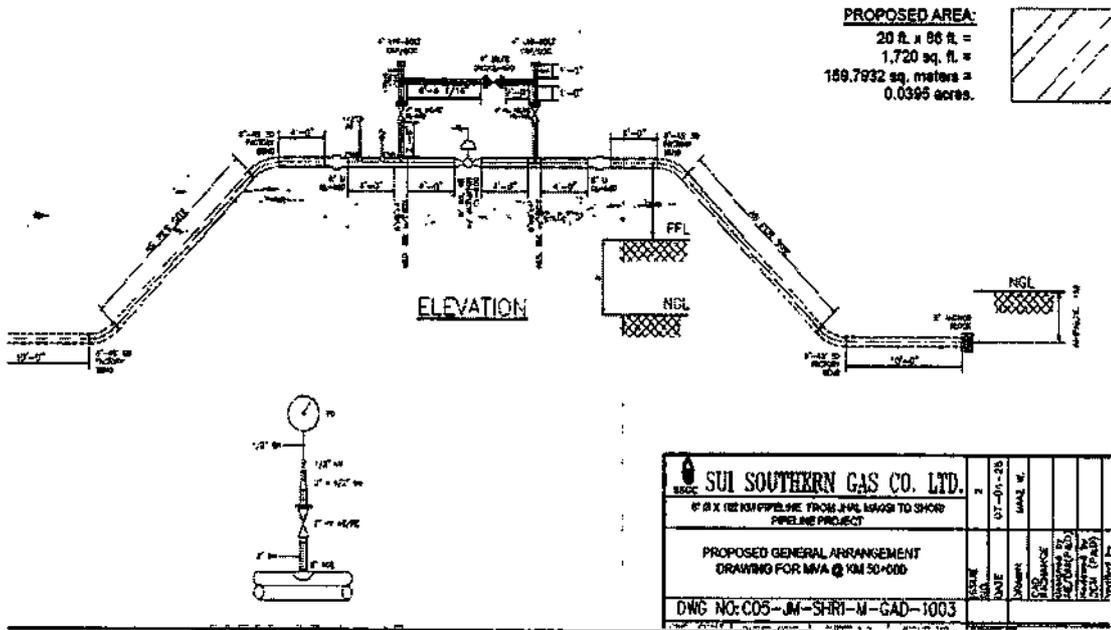


Figure 5: Schematic MVA-50

c. MVA-75

PROPOSED MVA PLAN AND BOUNDARY WALLS

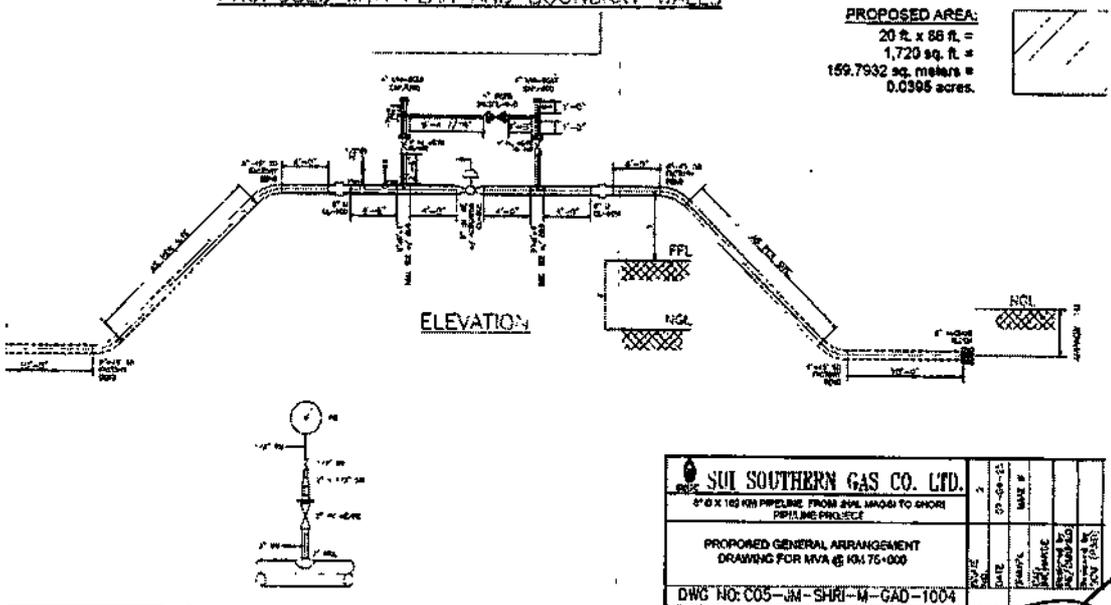
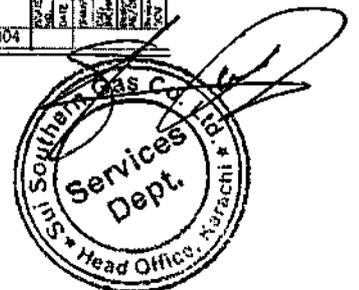
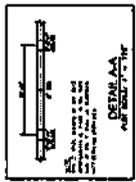


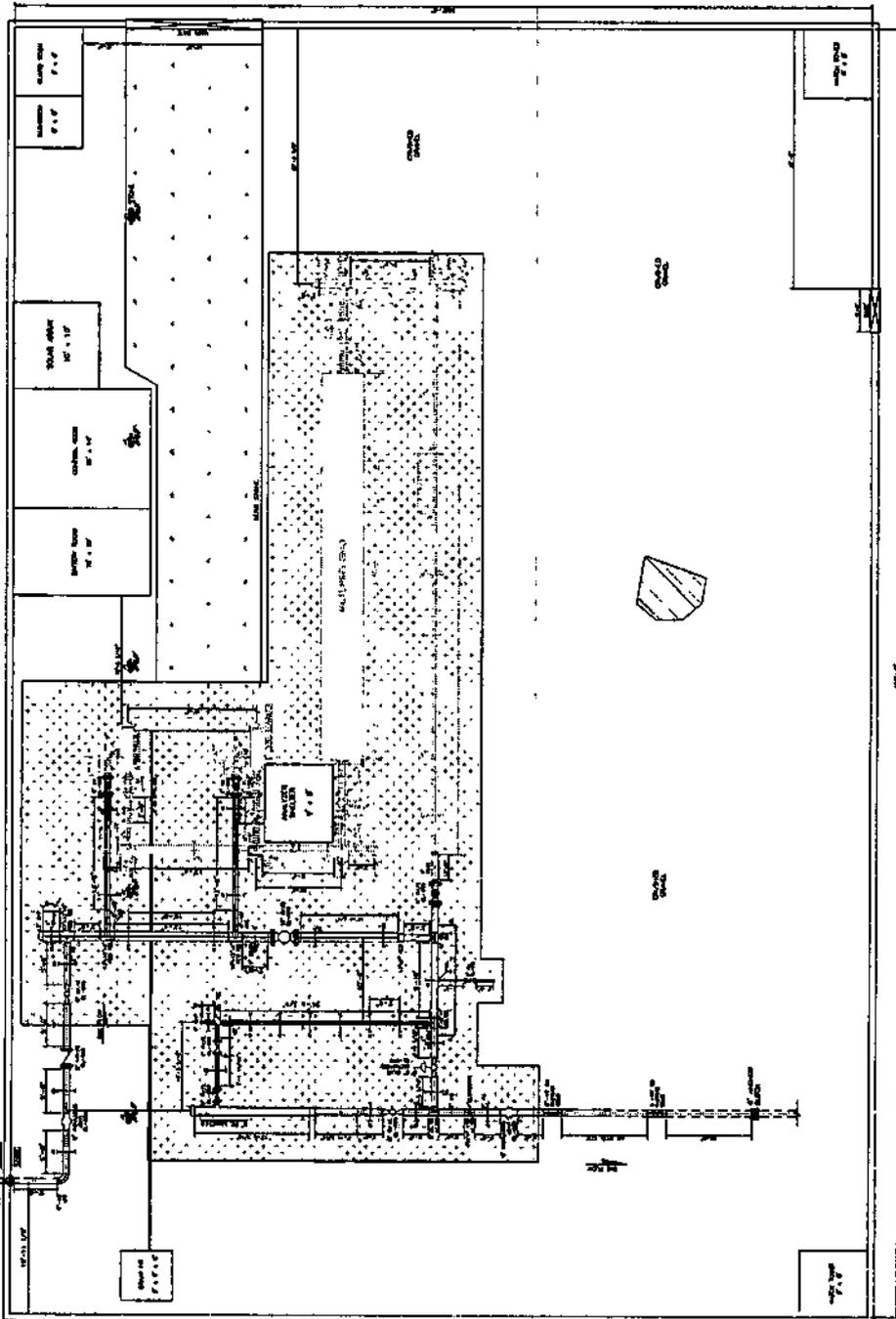
Figure 6 Schematic MVA-75



**NOTE:**  
 Drawing will be adjusted  
 after confirmation of  
 location & orientation of  
 Delivery Point from  
 OGDCL.



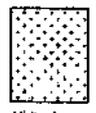
**PROPOSED PLAN  
 MVA ARRANGEMENT**



**PROPOSED AREA of PLOT:**  
 150 ft. x 100 ft. =  
 15,000 sq. ft. =  
 1393.5456 sq. meters =  
 0.24435 acres.

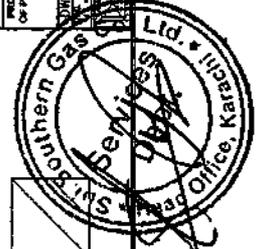
**PROPOSED AREA of FOUNDATION:**  
 4078.408 sq. ft. =  
 378.897 sq. meters.

**PROPOSED AREA of KERB STONE:**  
 1082.842 sq. ft. =  
 100.395 sq. meters.



NO.	DESCRIPTION	DATE	BY	CHKD.	APP'D.
01	ISSUED FOR PERMITS	12-10-81	...	...	...
02	...	01-02-82	...	...	...
03	...	01-02-82	...	...	...
04	...	01-02-82	...	...	...
05	...	01-02-82	...	...	...
06	...	01-02-82	...	...	...
07	...	01-02-82	...	...	...
08	...	01-02-82	...	...	...
09	...	01-02-82	...	...	...
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11	...	01-02-82	...	...	...
12	...	01-02-82	...	...	...
13	...	01-02-82	...	...	...
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28	...	01-02-82	...	...	...
29	...	01-02-82	...	...	...
30	...	01-02-82	...	...	...

**SUI SOUTHERN GAS CO. LTD.**  
 15 BIA, 102, CENTRAL BANK ROAD, MADEIRA TO BEAR  
 PROCESSING UNIT  
 OF POINT OF DELIVERY (P.O.D.) TO MVA MACH  
 PROCESS FACILITY ALONG WITH GAS  
 ARRANGEMENT FOR PIPES  
 Dwg. No. D/S - M - 5181 - 1P - CAD - 1001  
 DATE: 01-02-82  
 DRAWN BY: ...  
 CHECKED BY: ...  
 APPROVED BY: ...



**GENERAL NOTES**

1. THIS PLAN SHOWS THE GENERAL LAYOUT OF THE PLATFORM.
2. THE DIMENSIONS INDICATED ARE THE CENTER TO CENTER DIMENSIONS UNLESS OTHERWISE NOTED.
3. THE DIMENSIONS INDICATED ARE THE CENTER TO CENTER DIMENSIONS UNLESS OTHERWISE NOTED.
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**REFERENCE DRAWINGS**

NO.	DESCRIPTION	DATE	BY	CHKD.	APPROVED FOR ISSUE	REVISIONS
1	INSTALL 16" FLXV	06-02-23				
2	EXTENSION	22-02-23				
3		22-02-23				
4		06-07-23				

**SUI SOUTHERN GAS CO. LTD.**

LAYOUT PLAN OF INTEGRATION, SCRUBBER, RECEIVING, METERING AND PIC LAUNCHING ASSEMBLY OF MYA SHORE AT KM 100+00

DWG NO. 025-JM-SH-1005

DATE: 06-02-23

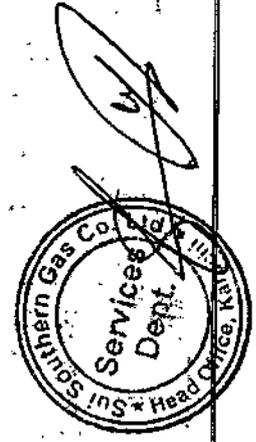
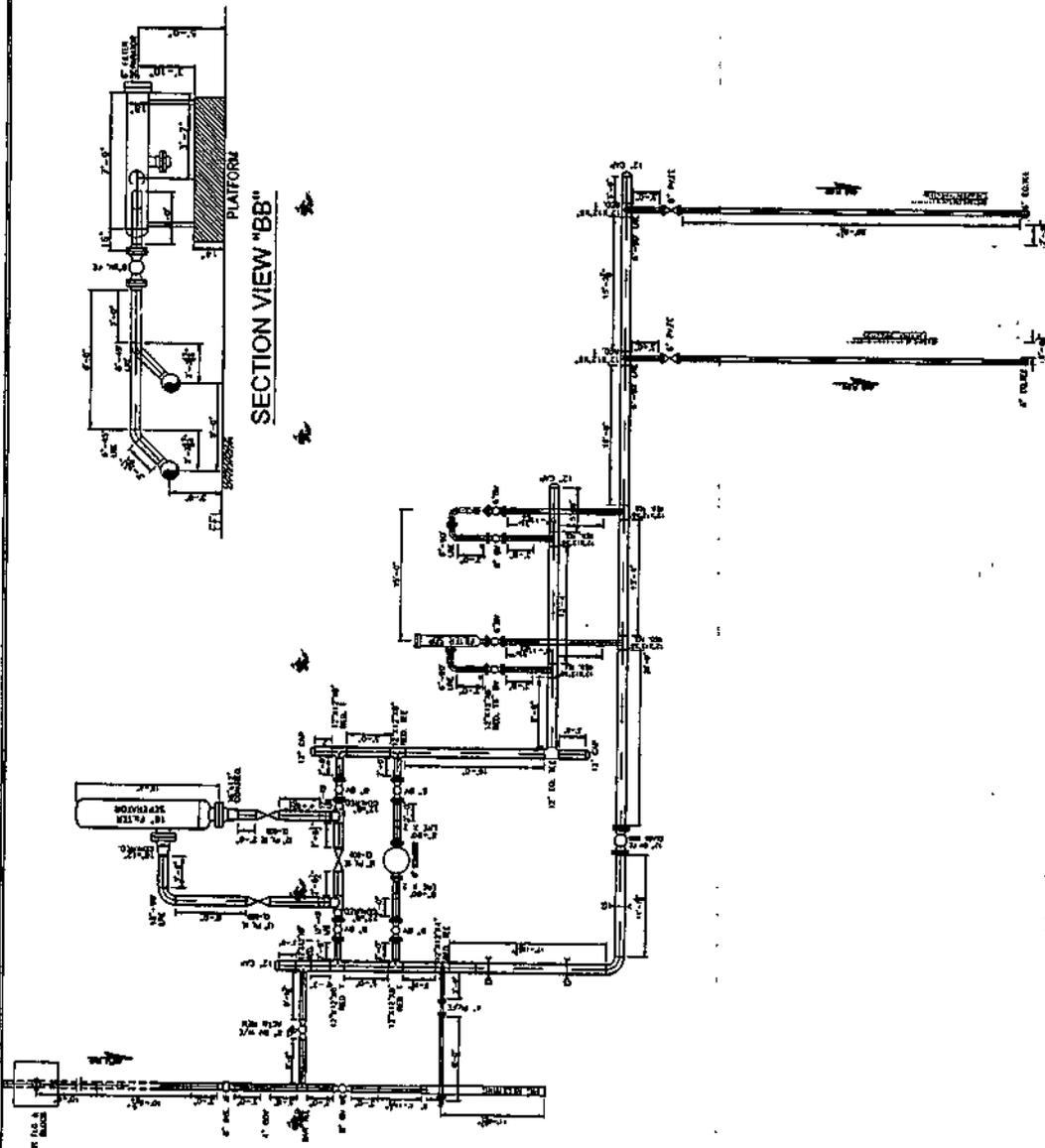
SCALE: AS SHOWN

PROJECT: MYA SHORE AT KM 100+00

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

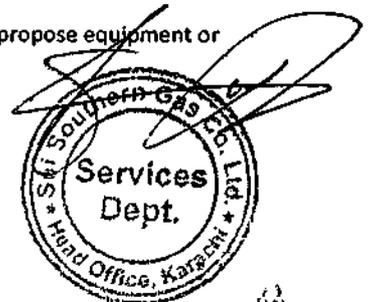


## 10. Equipment Specifications / Requirements Guidelines

### a. PLC/RTU:

TECHNICAL SPECIFICATIONS	
<b>CONTROLLER</b>	
<b>Processor</b>	CPU: 32-bit CMOS, 120MHz clock OR Equivalent
<b>Memory</b>	8 Mb SDRAM, 4 Mb FLASH, 1 Mb CMOS RAM OR Equivalent
<b>Non Volatile RAM</b>	CMOS RAM with lithium battery retains contents for 2 years with no power
<b>INPUT/OUTPUT</b>	
<b>Analog Inputs</b>	8, user selectable 0 - 5V (15 bit) or 0 - 20mA (14 bit)
<b>Analog Outputs</b>	2 with optional 5305 analog output module, output range 0-20mA
<b>Digital Inputs</b>	<ul style="list-style-type: none"> <li>• 4 on controller board - 3 Digital Input/Counter, 1 Interrupt with optical isolation</li> <li>• 16 on module - 6.5mA typical at 24V and 3.5mA typical at 115V</li> </ul>
<b>Digital Outputs</b>	<ul style="list-style-type: none"> <li>• 1 on controller board , 30V, 60mA (used as status output)</li> <li>• 12 on module - Sealed mechanical relay:</li> <li>• 0.4A at 125 Vrms, 2A at 30V resistive loads</li> <li>• 1.0A at 30V, 0.2A at 125Vrms inductive load with pf=0.4, L/R=7ms</li> <li>• 250Vrms, 220V maximum operating voltage</li> </ul>
<b>COMMUNICATIONS</b>	
<b>Serial Port COM1</b>	Configurable RS-232 or RS-485, 2-wire half duplex or 4-wire full/half duplex
<b>Serial Ports COM2, COM4</b>	RS-232, DTE, 8 pin modular jack, full or half duplex with RTS/CTS control. Implemented Td, Rd, CTS, RTS, DCD, DTR, +5V
<b>Serial Port COM3</b>	Located on I/O module. Same specifications as COM2 and COM4
<b>Baud Rates COM1, COM2, COM4</b>	300 to 115200
<b>Baud Rate COM3</b>	1200 to 115200
<b>Serial Protocols</b>	Modbus RTU, Modbus ASCII, Optional DNP3
<b>Ethernet Port</b>	10BaseT, RJ45
<b>Network Protocols</b>	IP: ARP, TCP, TFTP, UDP, and ICMP
<b>Ethernet Port Protocols</b>	Modbus TCP, Modbus RTU in UDP, Modbus ASCII in UDP
<b>GENERAL</b>	
<b>I/O Terminations</b>	6, 8, 9 and 10 pole, removable terminal blocks, 12 to 22 AWG, 15A contacts
<b>Dimensions</b>	8.40 inch (213mm) wide, 6.13 inch (155mm) high, 2.80 inch (72mm) deep
<b>Packaging</b>	Corrosion resistant
<b>Environment</b>	5% RH to 95% RH, non-condensing -40°C to +70°C
<b>Power Input</b>	11 - 30 VDC, 3.5W typical all relays off, 6.5W typical all relays on
<b>Warranty</b>	01 Year
<b>CERTIFICATIONS</b>	
<b>Hazardous Locations</b>	Suitable for use in Class I, Division 2, Groups A, B, C and D Hazardous
<b>Safety</b>	CSA (cCSAus) certified to the requirements of: CSA C22.2 No. 142-M1987 and UL508. (Process Control Equipment, Industrial Control Equipment) UL (cULus) listed: UL508 (Industrial Control Equipment) OR Equivalent
<b>SOFTWARES</b>	
<b>Software</b>	Bidder shall provide required licensed Software and PLC program.

**Note:** Above mentioned specifications are minimum requirement however bidder may propose equipment or solution with higher specifications and enhanced feature.



b. Pressure Transmitters

**SMART PRESSURE TRANSMITTERS**

**TECHNICAL SPECIFICATIONS**

**PERFORMANCE SPECIFICATIONS:**

Zero based span, reference conditions, silicon oil fill and Stainless steel isolating diaphragm.

**Reference Accuracy:**  $\pm$  (0.04 to 0.06) % of calibrated span (High accuracy option)

**Ambient Temperature:** From -40°C to +85°C ( $\pm$ 2°C)

**Stability:**  $\pm$ 0.10% of URL for 12 months

**Vibration Effect:** Less than  $\pm$ 0.1% of URL when subjected to vibration of peak to peak constant displacement of 4 mm

**Power Supply Effect:** Less than 0.01% of calibrated span per volt.

**FUNCTIONAL SPECIFICATIONS:**

**Type:** Gauge

**Service:** Gas

**Ranges:** Minimum Span: 0-4000 psi

**Output:** Code S: 4-20mA DC. (Outputs are directly proportional to pressure)

**Range down:** 20 to 1

**Load Limitations:** Reverse polarity protection.

**Protocol:** HART

**Power supply:** External power supply required 10.5-36 V dc

**Burst Pressure:** 11,000 psi for all ranges.

**Time Response:** Time constant: 200 milliseconds

**Humidity Limits:** 0-100% relative humidity

**Turn on Time:** 20. Seconds, no warm-up required

**PHYSICAL SPECIFICATIONS:**

**Electrical Connection:** ½-14 NPT

**Process Connection:** ½-14 NPT female

**Process Wetted Parts:**

- Isolating Diaphragm: Stainless steel
- Process Connector: Stainless steel

**Non-Wetted Parts:**

- Electronics Housing: Low-copper aluminum, NEMA 4X IP65, IP67, CSA enclosure
- Fill Fluid: Silicone or inert fill

**Display:** LCD

**Mounting Bracket Panel:** Bracket for 2-in. pipe or panel mounting (Stainless steel)

**Manifold:** 2-inline block and bleed manifold (should be provided)

**Configuration Buttons:** Analog Zero & Span and Digital Zero trim

**HAZARDOUS LOCATIONS CERTIFICATIONS:**

Intrinsically safe for use in Class I, Division 1, group B, C, D; Class II, Group E, F and G and Class III OR equivalent.

**CALIBRATION CERTIFICATE:**

Factory calibration certificate at the time of pressure transmitter delivery.

**Warranty** 01 Year

Note: PT's are Rosemount or equivalent.



c. Solar Charge Controller

MPPT SOLAR CONTROLLER	
TECHNICAL SPECIFICATIONS	
ELECTRICAL	
Technology	MPPT
Nominal Battery Voltage	12 or 24V
Battery Voltage Range	10-35V
Voltage Accuracy	$\leq 0.1\% \pm 50\text{mV}$
Maximum Battery Current	30A or higher
Max. PV Open Circuit Voltage (Voc)	120 Voc
Load Current Rating	30A or higher
Self-Consumption	<1.2 Watts
Transient Surge Protection	1500 Watts (Solar, Battery, Load)
Data Logs	up to 30 days
Display	Built in meter
ENVIRONMENTAL	
Operating temperature	-40°C to +60°C
Humidity	100% non-condensing
Tropicalization	Conformal coating, Marine rated terminals
BATTERY CHARGING	
Battery Types	7 Standards Battery Settings + Custom
4-Charging stages	Bulk, Absorption, Float, and Equalize
Temperature compensation	
• Coefficient:	-5mV/°C/Cell (25°C ref)
• Range	-30°C to +60°C
• Set points	Absorption, Float, Equalize
ELECTRONIC PROTECTIONS	
Solar Input:	Overload, short-circuit, high voltage, Reverse polarity, high temperature, nighttime reverse current
Load Output:	Overload, short-circuit, high temperature, reverse polarity
Battery:	Reverse polarity
MECHANICAL	
Wire Size Range	
• Power terminals:	2.5 – 16 mm <sup>2</sup> / 14 – 2 AWG
• Battery/Temp:	Sense: 0.25 – 1.0 mm <sup>2</sup> / 24 – 16 AWG
Enclosure:	IP20, Type 1
Certifications	CE, TUV Listed: IEC 62109, EN 62109-1, Emissions 55014-1
Agency approval	CSA Class 1 Div. 2 for hazardous locations
Warranty	01 Year

Note: Above mentioned specifications are minimum requirement however bidder may propose equipment or solution with higher specifications or enhanced feature. Also proposed solution must be compatible with load (RTU/PLC).



d. SCADA Solar Batteries

**TECHNICAL SPECIFICATIONS**

- Gelled Electrolyte Valve Regulated Lead Acid Battery with Glass Micro-Fiber separator.
- Deep Discharge / Charge Cycle for solar applications.

<b>VOLTAGE</b>	12 VOLTS						
<b>CELLS PER UNIT</b>	6						
<b>PLATE ALLOY</b>	LEAD CALCIUM TIN OPTIMIZED FOR ANTI-CORROSION						
<b>CONTAINER COVER</b>	REINFORCED ABS						
<b>ELECTROLYTE</b>	SULPHURIC ACID THIXOTROPIC GEL						
<b>VENT</b>	ONE WAY PRESSURE RELIEF VENT						
<b>SHELF LIFE</b>	2 YEARS @ 20C						
<b>TERMINALS</b>	COPPER ALLOY PREFERABLY THREADED						
<b>CAPACITY @ C/20AH</b>	100 ± 5% AH TO 1.75VPC @ 20C						
<b>INTERNAL RESISTANCE</b>	≤ 5 mΩ						
<b>FLOAT CHARGING</b>	13.5 V TO 13.8 V						
<b>WEIGHT</b>	30KG ± 10%						
<b>OPERATING TEMP</b>	-40°C TO 70°C						
<b>STANDARDS</b>	ISO-9001, ISO-14001 and IEC						
<b>DIMENSIONS</b>	<table><thead><tr><th>L</th><th>W</th><th>H</th></tr></thead><tbody><tr><td>300 ± 5%mm</td><td>170 ± 5%mm</td><td>220 ± 5%mm</td></tr></tbody></table>	L	W	H	300 ± 5%mm	170 ± 5%mm	220 ± 5%mm
L	W	H					
300 ± 5%mm	170 ± 5%mm	220 ± 5%mm					
<b>Warranty</b>	01 Year						

Note: Difference between month of manufacturing & month of delivery should not exceed more than 4 months.



e. Solar Modules:

**SOLAR MODULE**  
**Mono-Facial / Bi-Facial**

<b>Electrical Specifications</b>	<b>STC (Irradiance=1000W/m<sup>2</sup>, Cell Temperature=25°C, AM=1.5)</b>
Maximum Power (P <sub>max</sub> )	≈ 630W to 700W
Maximum Power Voltage (V <sub>mp</sub> )	≈ 44V to 54V
Maximum Power Current (I <sub>mp</sub> )	≈ 13A to 18A
Module Efficiency,STC (%)	≥21%
Bifacial Output-Rear side Power Gain	≥5%
PV Module Degradation	≤ 0.40% Annual Degradation
Operating Temperature(°C)	-40°C to +70°C
Maximum system voltage	1000/1500VDC (IEC)
Maximum series fuse rating	25 A - 40A (as per OEM)
Temperature coefficients of P <sub>max</sub>	(-0.26 %/°C) ± 15%
<b>Mechanical Characteristics</b>	
Snow load / Max. Static Load (Front Side)	5400 Pa ±5%
Wind load / Max. Static Load (Rear Side)	2400 Pa ±5%
Cell Type	P/N type Mono-crystalline / HJT / BC
No. of cells	125 - 170
Dimensions	(2300×1150×33)mm ± 10%
Weight	25 kg to 40 kg
Front Glass	≥2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Back Glass	≥2mm, Heat Strengthened Glass
Frame	Anodized Aluminum Alloy / Alloy Steel
Junction Box	IP68 Rated
Output Cables	OEM:provided size and length
Warranty	≥ 12 year OEM
Standards	
Protection Class	Class II
Fire Rating	IEC Class C / UL type 1 or 2 or 29
PV Solar Standards	IEC61215(2016), IEC61730(2016)
Quality Management System	ISO9001:2015 or equivalent
Environment Management System	ISO14001:2015 or equivalent
Occupational Health and Safety Management System	ISO45001:2018 or equivalent

Note: Above-mentioned specifications are minimum requirement however bidder may propose solar module or solution with higher specifications



f. Smart Remote Radio (General specifications)

<b>SCADA REMOTE RADIO SPECIFICATIONS</b>	
<b>Oil &amp; Gas</b>	
- Remote data collection from meters and flow devices.	
- Monitor and transmit wellhead performance and status data collected by RTUs.	
<b>TECHNICAL SPECIFICATIONS</b>	
RF data rate &	4,800 bps @ 6.25 kHz 9,600 & 19200 bps @ 12.5 kHz 19,200 &
Bandwidth	38,400 bps & 25 kHz
Frequency bands	400 - 450 MHZ
<b>GENERAL</b>	
Frequency programmability	Configurable
Operational modes	simplex, half-duplex
Modulation	digital / CPFSK
Range	Up to 50 miles
<b>TRANSMITTER</b>	
Frequency Stability	+/- 0.5 ppm
Carrier power	0.1 to 5 Watts Programmable
Carrier power	Normal +/- 1.5 dB
Duty Cycle	Continuous
Output Impedance	50 Ohms
<b>RECEIVER</b>	
Type	Double Conversion Super heterodyne
Bit error rate	1x 10 <sup>-6</sup> @ -112 dBm typical
Selectivity	> 70dB
Adjacent channel Rejection	40 dB nominal
<b>INTERFACES</b>	
Serial COM	RS-232/RS-485, DB-9
Ethernet	10/100 BaseT, RJ 45
Antenna	TNC Female / as per cable requirement
<b>ENVIROMENTAL</b>	
Temperature	-40°C to + 70°C (-40°F to + 158°F)
Humidity	95% @ 40°C (140°F)
<b>ELECTRICAL</b>	
TX Current	2.2A Typical at 5 watts
Rx Current	<125 mA
Sleep mode	9 mA nominal
Primary power	10 VDC to 30 VDC
<b>AGENCY APPROVALS</b>	
CSA Class 1 Div. 2 for hazardous locations IEEE 1613. IEC 61850-3, EN61000 for electric substation environment industry Canada & ENTELA	
<b>COMPATIBILITY</b>	
Slave radios must be compatible with master radio quoted by the bidder.	

Warranty 01 Year

Note: Above mentioned specifications of smart remote radio are based as minimum requirement however bidder can quote radio with higher specs/requirement.



g. Antenna:

The bidder shall propose, supply, and install suitable antennas for the RF communication system operating within the specified frequency band. The type of antennas (directional or omnidirectional) shall be selected by the bidder based on the RF path profiling report and overall communication system design.

h. General Technical Specifications – RF Coaxial Cable

The bidder shall supply and install suitable RF coaxial cables for interconnection between the antenna and the RF radio unit. The following minimum specifications shall apply:

**Frequency Compatibility**

The coaxial cable shall be designed and rated for operation within the \*\*400–450 MHz frequency band.

**Electrical Characteristics**

- Characteristic impedance: 50 ohms nominal
- Attenuation:  $\leq 3$  dB per 100 meters at 450 MHz (or better).
- Velocity factor:  $\geq 80\%$ .
- Return loss:  $\geq 20$  dB (typical).

**Mechanical & Environmental Requirements**

- Cable type: Low-loss coaxial cable (e.g., LMR-400, RG-213, or equivalent).
- Jacket material: UV-resistant, weatherproof polyethylene (PE) or equivalent.
- Operating temperature:  $-20$  °C to  $+60$  °C (or better).
- Minimum bending radius: As per manufacturer's recommendation.
- Fire-retardant and suitable for outdoor deployment.

**Connectors & Termination**

- Connectors: N-type or equivalent 50-ohm connectors, weatherproof, corrosion-resistant.
- All connections shall be properly sealed with \*\*self-amalgamating tape or heat-shrink sleeves to ensure moisture ingress protection.
- Proper grounding kits shall be provided at both ends as per standard RF installation practices.

**Cable Routing & Clamping**

- The coaxial cable shall be routed neatly along the tower structure and secured using UV-resistant, weatherproof clamps at regular intervals.
- The cable shall be protected at entry/exit points using conduits or grommets to prevent mechanical damage.

**Testing & Documentation**

- The bidder shall perform continuity testing, insulation resistance testing, and VSWR measurement after installation.
- Manufacturer datasheets and compliance certificates shall be submitted for SSGC approval.



i. NEMA Enclosure:

**NEMA ENCLOSURE**

**Type**            **NEMA 4**

**Partition**        3 partitions  
1. Air tight  
2. Ventilation space between right and left side of the cabinet  
3. Ventilation space between right and left side of the cabinet

**Locks**            2 locks at the door of the cabinet one at the top and other at the bottom of the door.

**Cabling and Access**

- Multiple cabling punch holes provided at the top right and left side of the enclosure for power, communication cables, and instrumentation wiring
- Gland plates or cable glands installed for securing and sealing cable entry points, maintaining NEMA 4 sealing integrity

**Enclosure Features**

- Pre-wired RTU/PLC, solar charge regulator, batteries and radios inside enclosure
- Fully connected with required outputs/inputs, overcurrent protectors, connectors and breakers for load, battery, solar panels, and field instrumentation.
- Ventilation provided for battery compartment to prevent overheating
- Grounding and bonding features integrated for electrical safety and EMI protection
- Corrosion-resistant powder-coated or stainless steel enclosure construction suitable for outdoor exposure

**Environmental Protection**

- Protection against rain, dust, ice, windblown dirt, and hose-directed water sprays, compliant with NEMA 4 / IP65 standards
- UV resistant finish suitable for prolonged outdoor use

**Note:** Above-mentioned specifications are minimum requirement however; bidder may propose/design NEMA Enclosure with enhanced features or higher specs.





*Figure 7: RTU Enclosure*

**Sample Photo of NEMA Enclosure**



j. SCADA Telemetry Cable:

**TECHNICAL SPECIFICATIONS**

**ARMORED TELEMETRY CABLE**

Conductor Size	:	Minimum 1.5mm square
Cable Construction	:	According to IEC 60502
Conductor	:	According to IEC 60228 Standard (Class 2)
Core Insulation Material	:	Polyethylene
Cabling	:	Twisted Pair
Drain Wire	:	Minimum 0.6 mm solid plain copper conductor
Operating Temperature	:	70 °C
Outer Sheath Material	:	PVC
Flame Retardant	:	As per IEC -332-1
Armoring	:	Galvanized Steel Armor.

Product picture is for reference only



Figure 8: Telemetry Cable



k. Communication Tower:

**Technical Specification**

The bidder's proposed tower shall meet the following minimum technical requirements:

**i. Tower Type & Height**

- Self-supporting, triangular lattice tower.
- Minimum height: As per RF path profiling

**ii. Design Standards**

- The tower shall be designed in compliance with TIA/EIA-222 or equivalent international telecom tower standards.
- The structure shall be capable of withstanding a minimum wind speed of 150 km/h (or higher as required by site-specific conditions).

**iii. Structural Requirements**

- Triangular cross-section with properly braced main legs.
- Adequate diagonal and horizontal bracing for stability and load distribution.
- Provision for antenna and equipment loading as specified by SSGC.

**iv. Material**

- Structural steel sections conforming to ASTM/AISI or equivalent standards.
- All members to be hot-dip galvanized with a minimum coating thickness of 80 microns.
- Bolts, nuts, and washers shall be galvanized or zinc-coated for corrosion resistance.

**v. Foundation**

- Reinforced concrete foundation designed according to site-specific geotechnical conditions.
- Anchor bolts and base plates to be included in the scope of supply.

**vi. Accessories**

- Antenna mounting brackets/poles as per SSGC requirements.
- Grounding system including down conductors and grounding rods.

**vii. Corrosion Protection**

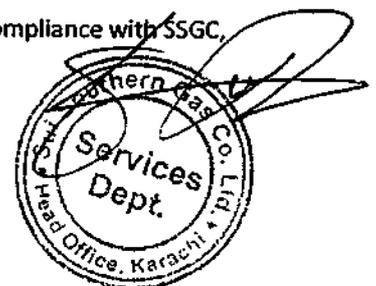
- All steel members shall be hot-dip galvanized.
- Additional protective coatings shall be applied where required by SSGC.

**viii. Quality Assurance**

- The bidder shall provide quality certificates for steel grade, galvanization, and fasteners.
- Tower design calculations and structural drawings shall be submitted for SSGC review and approval before fabrication.

**Note:**

This version clearly puts the design responsibility on the bidder, while ensuring compliance with SSGC, RF path profiling, and international standards.



Tower Drawings are for reference only

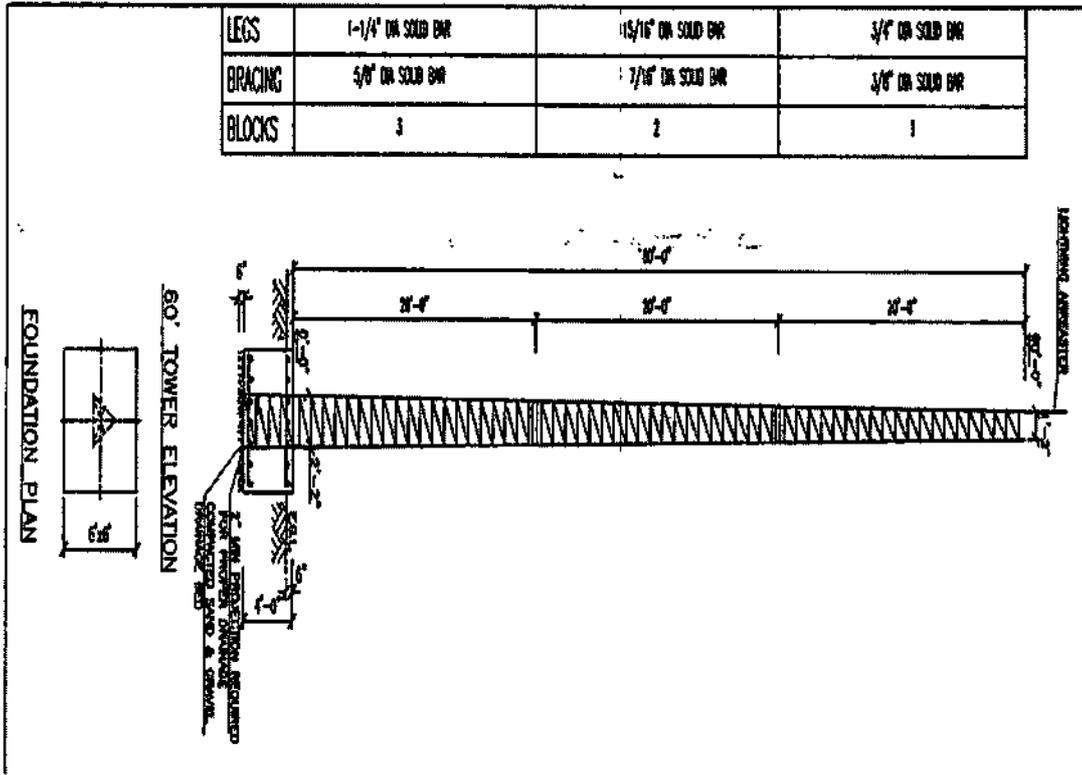


Figure 9: Schematic 1 - Tower

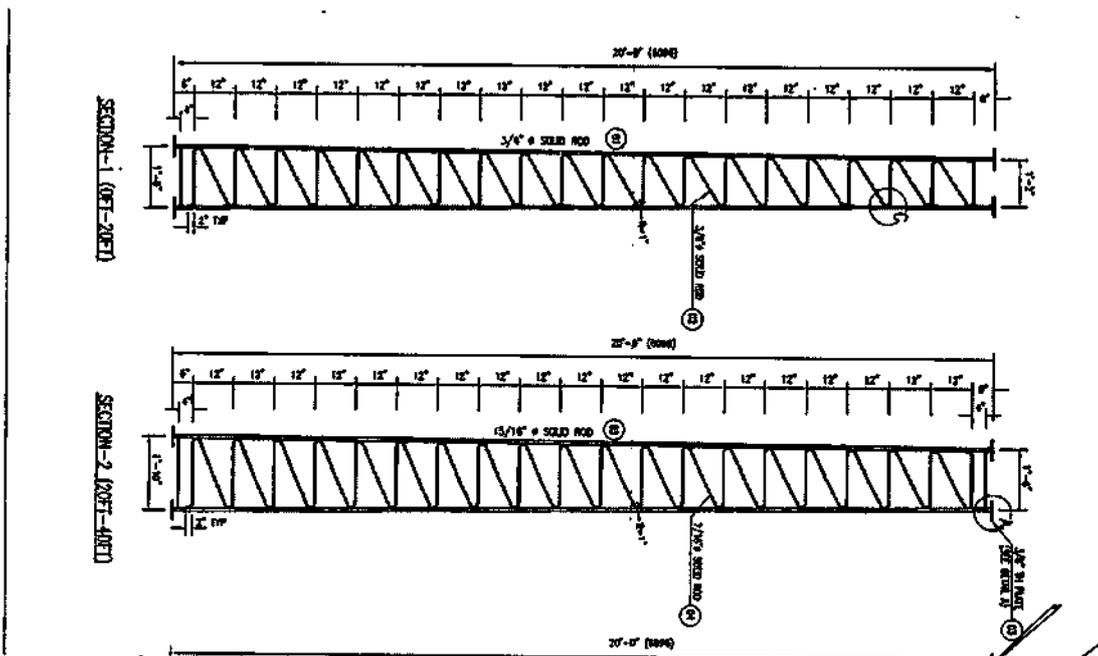
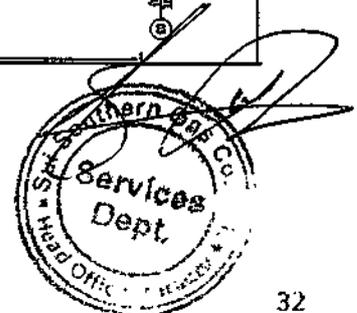


Figure 10: Schematic 2 - Tower





1. Actuator valve:

For technical specifications of actuator valve see drawings given below:

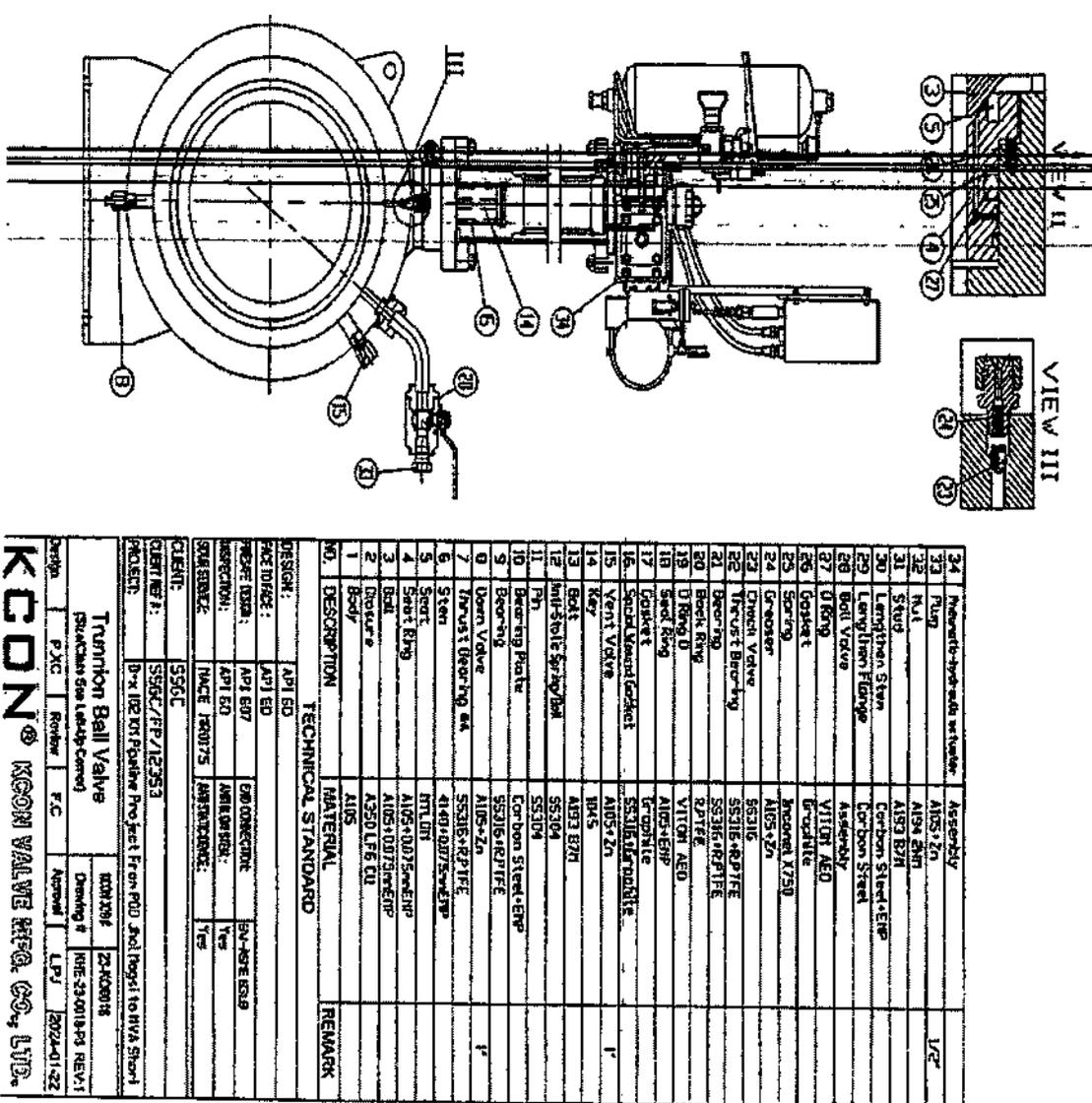


Figure 12: Schematic 1 Valve



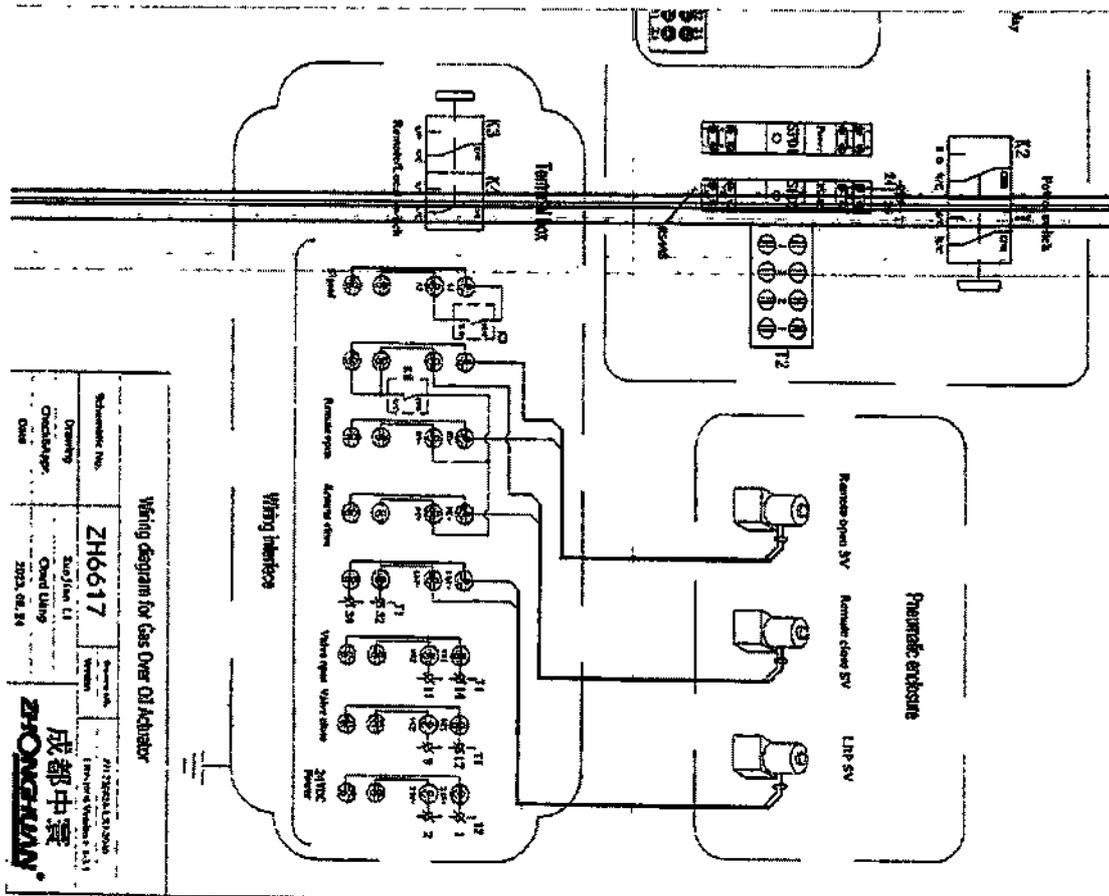


Figure 13: Actuator wiring diagram

Note: SSGC shall be provided all relevant documents of actuator valve for the guidance purpose to the successful bidder.



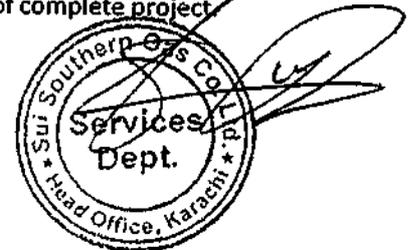
12. BOQ

Sr.	Description	Unit	Qty	Unit Rate	Total Rate
01	Supply of SCADA System Including RF-Equipments, Tower, PLC/RTU, Field Instruments, Enclosure, Solar System and others required Hardwares as per site requirements For POD JHAL MAGSI	Lot	01		
02	Supply of SCADA System Including RF-Equipments, Tower, PLC/RTU, Field Instruments, Enclosure, Solar System and others required Hardwares as per site requirements For MVA-25	Lot	01		
03	Supply of SCADA System Including RF-Equipments, Tower, PLC/RTU, Field Instruments, Enclosure, Solar System and others required Hardwares as per site requirements For MVA-50	Lot	01		
04	Supply of SCADA System Including RF-Equipments, Tower, PLC/RTU, Field Instruments, Enclosure, Solar System and others required Hardwares as per site requirements For MVA-75	Lot	01		
05	Supply of SCADA System Including RF-Equipments, Field Instruments and other required Hardwares as per site requirements For VA-SHORI	Lot	01		
06	Services required for SCADA System Installation, Testing, Integration and Commissioning at POD JHAL MAGSI.	Job	01		
07	Services required for SCADA System Installation, Testing, Integration and Commissioning at MVA-25.	Job	01		
08	Services required for SCADA System Installation, Testing, Integration and Commissioning at MVA-50.	Job	01		
09	Services required for SCADA System Installation, Testing, Integration and Commissioning at MVA-75.	Job	01		
10	Services required for SCADA System Installation, Testing, Integration and Commissioning at VA-SHORI.	Job	01		

**Total:**

**Note:**

- Bidder should provide detailed BOQ along list of materials to be supplied for each site.
- Supply / Installation & Commissioning of Complete Project are interrelated; hence, payment of supplies will be released after successful Installation & Commissioning of complete project.



**Marking Criteria for the Evaluation of Prospective Bidders**

S.NO.	CRITERION	STANDARD	POINTS (MAX)	POINTS OBTAINED
1	<b>Mandatory Requirements:</b> Registration of PEC-C4 or above category with specialized codes CE08, EE03 OR EE04, EE07 OR EE08.	Mandatory		
2	<b>Nos. of Years Company Established: (Form-I)</b> (i) $\geq 10$ Years (ii) $\geq 5$ Years < 10 Years	10 05	10	
3	<b>Maximum Financial Value of Completed Projects: (Form-II)</b> (i) Rs. > 200 millions (ii) Rs. > 100 $\leq$ 150 millions (iii) Rs. $\geq 60 \leq 100$ millions	15 12.5 10	15	
4	<b>Similar Nature Completed Projects of Value &gt; Rs. 60 Million in Last 5 Years: (Form-II)</b> <b>In Oil &amp; Gas Sector:</b> (i) $\geq 03$ Projects (ii) 02 Projects  <b>Other than Oil &amp; Gas Sector:</b> (i) $\geq 03$ Projects (ii) 02 Projects	20 15  10 05	30	
5	<b>Personal Capabilities: (Form-III)</b> <b>Engineers Registered with PEC having valid licenses:</b> (i) Project Manager $\geq 5$ years Experience (1 Person) (ii) Electronics / Telecom Engineer $\geq 3$ years Experience (1 Person) (ii) Civil / Mechanical Engineer $\geq 3$ years Experience (1 Person)	10 05 05	20	
6	<b>Project Approach: (Form-IV)</b> Submission of Complete work plan with Equipment list, Technical Literature, Engineering Design and Time frame for complete project.	15	15	
7	<b>Financial position of the Company: (Form-V)</b> <b>Turn Over for last financial year</b> (i) Rs. > 150 Million (ii) Rs. > 100 $\leq$ 150 Million (iii) Rs. $\geq 50 \leq 100$ Million	10 7.5 5	10	
<b>Total Points</b>			<b>100</b>	

Note:

Obtaining 70 marks and Compliance with Special terms &amp; conditions are the minimum requirement.

Documentary Evidence against each field is mandatory requirement, without which no marks will be awarded.



**FORM I: GENERAL INFORMATION**

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

1. Head Office Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_

2. Office Address : \_\_\_\_\_

Telephone No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_

Year Incorporated: \_\_\_\_\_

**Attach copy of certificate of registration and ownership documents**

**\* All the information provided shall be supported with documentary evidence; otherwise no marks will be awarded.**



**FORM II : LIST OF COMPLETED PROJECTS\***

Name of Work : \_\_\_\_\_

Scope of Work : \_\_\_\_\_

Value of Contract : \_\_\_\_\_

Name of Client : \_\_\_\_\_

Address of Client : \_\_\_\_\_

Telephone of Client : \_\_\_\_\_

Date of Award of Work : \_\_\_\_\_

Start Date : \_\_\_\_\_

Scheduled Completion Date : \_\_\_\_\_

Actual Completion Date: \_\_\_\_\_

\* All the information provided shall be supported with documentary evidence; otherwise no marks will be awarded.  
\* Separate form should be submitted against each client





**FORM IV : PROPOSAL AND METHODOLOGY**

(Applicant shall propose detailed work plan and methodology with Equipments list, Technical Literature, Engineering Design and Time Frame for complete project)



**FORM V : FINANCIAL DATA**

Firm applying for technical proposal shall submit the following certificates/ registration/ statements.

**A. Firm's Certified/Audited Annual Accounts for the Last Financial Year**

Prove of company last financial year Turn Over.

**B. Income Tax**

Income tax assessment for the assessment current year or income tax clearance certificate for last year.

**C. Provincial Sales Certificate (PST)**

Prove of valid PST Registration Certificate, if applicable.

**D. General Sales Tax Certificate (GST)**

Prove of valid GST Registration Certificate, if applicable.

\* All the information provided shall be supported with documentary evidence; otherwise no marks will be awarded.



**AFFIDAVIT OF COMPLIANCE WITH INTEGRATED MANAGEMENT SYSTEM (IMS) MANUAL**

I, \_\_\_\_\_ [Supplier's Authorized Representative Full Name], of \_\_\_\_\_ [Supplier Company Name], with principal office located at \_\_\_\_\_ [Full Address], do hereby solemnly affirm and declare as follows:

1. That I am the duly authorized representative of \_\_\_\_\_ [Supplier Company Name], and have the legal authority to make this declaration on behalf of the company.
2. That I confirm having accessed, read, and fully understood the Integrated Management System (IMS) Manual provided by Sui Southern Gas Company Limited (SSGC), available at official website ([https://www.ssrc.com.pk/web/wg\\_content/uploads/2025/06/IMS-Manual-1.pdf](https://www.ssrc.com.pk/web/wg_content/uploads/2025/06/IMS-Manual-1.pdf)).
3. That \_\_\_\_\_ [Supplier Company Name] agrees to comply fully with all the policies, procedures, and responsibilities outlined in the IMS Manual, and will ensure that all relevant employees, contractors, and agents are made aware of and comply with the same.
4. That \_\_\_\_\_ [Supplier Company Name] acknowledges that failure to comply with the IMS Manual may result in corrective action, including but not limited to financial penalties as per SSGC policy and suspension or termination of business with Sui Southern Gas Company Limited (SSGC).
5. This affidavit is made in good faith and for the purpose of affirming our commitment to health, safety, and environmental standards in our operations and engagements with SSGC.

Signed at [City] this [day] of [month], [year].

Signature: \_\_\_\_\_  
Name: [Full Name of Supplier Representative]  
Designation: [Job Title]  
Company Name: [Supplier Company Name]  
Contact Details: [Phone, Email]

Witnessed by:

Signature of Witness: \_\_\_\_\_  
Name of Witness: \_\_\_\_\_  
Date: \_\_\_\_\_

Witnessed by:

Signature of Witness: \_\_\_\_\_  
Name of Witness: \_\_\_\_\_  
Date: \_\_\_\_\_



**SSTW-05**

Ref No \_\_\_\_\_

Dated \_\_\_\_\_

M/s \_\_\_\_\_

SNTN \_\_\_\_\_

Address \_\_\_\_\_

**NOTICE UNDER RULE 3(1) OF THE SINDH SALES TAX SPECIAL PROCEDURE (WITHHOLDING) RULES, 2011.**

Dear Sir,

Kindly note that we are a withholding agent under the Sindh Sales Tax Special Procedure (Withholding) Rules, 2011, and that we shall withhold and deduct the prescribed amounts of Sindh sales tax against your tax invoices in relation to the services provided or rendered by you to us. We hold NTN/FTN

2. We undertake to deposit the withheld/deducted amounts of Sindh sales tax in the Sindh Government's head of account "B-02384" against a SRB-prescribed PSID/Challan (SST-04 or SSTW-04) in the manner prescribed under the aforesaid Sindh Sales Tax Special Procedure (Withholding) Rules, 2011, and we shall provide you a certificate of deductio-cum-deposit in terms of rule 3(9) thereof.

Signature \_\_\_\_\_

Name \_\_\_\_\_

CNIC \_\_\_\_\_

Designation \_\_\_\_\_

Date \_\_\_\_\_

Official seal \_\_\_\_\_



## Form of Bid-Securing Declaration

[The Bidder shall fill in this Form in accordance with the instructions indicated.]

Date: [date (as day, month and year)]

No.: [number of Bidding process]

Alternative No.: [insert identification No if this is a Bid for an alternative]

To: [complete name of Procuring Agency]

We, the undersigned, declare that

We understand that, according to your conditions, Bids must be supported by a Bid-Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

(a) have withdrawn our Bid during the period of Bid validity specified in the Letter of Bid; or

(b) having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid validity; (i) fail or refuse to sign the Contract or, (ii) fail or refuse to furnish the Performance Security (or guarantee), if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder, or (ii) twenty-eight days after the expiration of our Bid.

Name of the Bidder \_\_\_\_\_

Name of the person duly authorized to sign the Bid on behalf of the Bidder \_\_\_\_\_

Title of the person signing the Bid \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_

\* In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

\*\* Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]



**SUI SOUTHERN GAS COMPANY LIMITED  
PROCUREMENT DEPARTMENT**

**BLACKLISTING MECHANISM**  
**(REVISION-1)**

**1 BACKGROUND**

In pursuance of Rule-19 of Public Procurement Rules, 2004 read with Rule-2(f) (fa) and the criteria for Blacklisting of Suppliers and Contractors / Consultants doing business with the SSGCs is reiterated hereafter to eliminate unfair trade practices.

**2 SCOPE**

The procedure shall be applicable and remain in force, along with any amendments thereto, within Sui Southern Gas Company Limited ("SSGC") until any clear instructions or guidelines are impacted by the Government through Public Procurement Regulation Authority (PPRA), Pakistan Engineering Council (PEC), or any other competent forum. The procedure shall also be applicable on the pre-qualified firms. The procedure shall be applicable on any "Person(s) / Firm(s)", which for the purposes of this Mechanism shall inter alia include suppliers, bidders, contractors, consultants, firms, individuals, and organizations transacting business with SSGC. Wherever any provision of this Mechanism shall be in conflict with provisions of any applicable guidelines of donor agencies, or any other applicable Statute / Law or Rule enforced at the time in Pakistan, the provisions of such applicable guidelines, laws, or rules shall prevail. This SOP shall become a part of the future Bidding Documents.

**3 DEFINITION OF TERMS**

- 3.1 "Appellate Authority" - Authority to Appeal against issuance of Blacklisting Order.
- 3.2 "Appeal" - Right of firm/individual to lodge protest against the issuance of Blacklisting Order.
- 3.3 "Procuring Agency" - Any department/division/factory/project exercising general and/or administrative control over the unit.
- 3.4 "Blacklisting Order" - An administrative penalty disqualifying a firm/individual from participating in procurement for a given period.
- 3.5 "Suspension" - The administrative penalty imposed for infractions committed during the competitive bidding stage, whereby such firms/individuals are prohibited from further participation in the bidding process of Procuring Agency.
- 3.6 "Contract Implementation" - A process of undertaking a project or contract in accordance with the contract documents.
- 3.7 "Termination of Contract" - Extinction of contract by reason or resolution or rescission under applicable rules/regulations/laws arising from the default of the firms/individuals.
- 3.8 "Delist" - Removal of supplier/contractor from blacklisting.
- 3.9 "PA-Project Authority" - A three-member committee comprising of User, HSE&QA & Procurement Deptt. to address the issue.
- 3.10 RPC-SSG's Rights Protection Committee - To examine the justification of PC.

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#### 4. REASONS FOR BLACKLISTING

- 4.1 The following shall comprise the broad multilateral guidelines for blacklisting:
- 4.1.1 "Corrupt Practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;
  - 4.1.2 "Fraudulent Practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
  - 4.1.3 "Collusive Practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser, designed to establish bid price at artificial, non-competitive levels, and
  - 4.1.4 "Coercive Practice" means harming or threatening to harm, directly or indirectly, Person(s) / Firm(s) or their property to influence their participation in the procurement process or affect the execution of a contract.
- 4.2 In addition to above, blacklisting of firms/individuals may be resorted to when the charges are of serious nature, which include but are not limited to the following:

##### 4.2.1 Competitive Bidding Stage

During the competitive bidding stage, the Procuring Agency shall impose on bidders or prospective bidders the penalty of Suspension from participating in the public bidding process, without prejudice to the imposition of additional administrative sanctions as the internal rules of the agency may provide and/or further criminal prosecution, as provided by applicable laws, for violations committed which include but are not limited to the following:

- i. Submission of eligibility requirements containing false information or falsified documents.
- ii. Submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding.
- iii. Submission of unauthorized or fake documents for pre-qualification/ tendering i.e. without specific authorization from the principals/ manufacturers etc.
- iv. Failure of the firm to provide authentic Warranty Undertaking and Performa Invoice of the manufacturers / Principal / Trading house.
- v. Failure of the firm to submit specific authority letter of the Original Equipment Manufacturer (OEM) for participation in a particular tender;
- vi. Unauthorized use of one's name, or using the name of the name of another for purpose of public bidding.
- vii. Deviations from specifications and terms & conditions of the purchase order/contract.
- viii. Withdrawal of a bid, or refusal to accept an award or refusal to perform the job or enter into contract with the government without justifiable cause, after he had been adjudged as having submitted the Lowest Calculated Responsive Bid or Highest Rated Responsive Bid.
- ix. Refusal or failure to post the required performance security within the prescribed time.
- x. Refusal to clarify or validate in writing its Bid during post qualification within a period of seven (7) working days, or as may be specifically prescribed, from receipt of the request for clarification.

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- xi. Any documented unsolicited attempt by a bidder to unduly influence the outcome of the bidding in his favor.
- xii. Any attempt to give illegal gratification to any representative of the purchaser to influence the process of procurement.

In addition to the penalty of suspension, the bid security posted by the concerned bidder or prospective bidder could also be forfeited / encashed.

#### 4.2.2 Purchase Order / Contract Implementation Stage

During the Purchase Order / Contract implementation stage, the procuring entity shall impose on contractors after the termination of the contract the penalty of suspension from participating in the public bidding process, without prejudice to the imposition of additional administrative sanctions as the internal rules of the agency may provide and/or further criminal prosecution, as provided by applicable laws, for violations committed which include but are not limited to the following:

- i. Failure of the contractor, due solely to his fault or negligence, to mobilize and start work or performance within the specified period in the Letter to Proceed.
- ii. Failure by the contractor to fully and faithfully comply with its contractual obligations without valid cause, or failure by the contractor to comply with any written lawful instruction of the Procuring Agency or its representative(s) pursuant to the implementation of the contract. For the procurement of infrastructure projects or consultancy contracts, lawful instructions include but are not limited to the following:
  - a. Employment of competent technical Person(s) / Firm(s)nel, competent engineers and/or work supervisors;
  - b. Provision of warning signs and barricades in accordance with approved plans and specifications and contract provisions;
  - c. Stockpiling in proper places of all materials and removal from the project site of waste and excess materials, including broken pavement and excavated debris in accordance with approved plans and specifications and contract provisions;
  - d. Deployment of committed equipment, facilities, support staff and manpower; and
  - e. Renewal of the effectivity dates of the performance security after its expiration during the course of contract implementation.
  - f. Non-Performance of the supplier in respect of tender terms & conditions and the delivery / supply of material.
- iii. Assignment and subcontracting of the contract or any part thereof or substitution of key Person(s) / Firm(s)nel named in the proposal without prior written approval by the Procuring Agency.
- iv. For the procurement of goods, unsatisfactory progress in the delivery of the goods by the manufacturer, supplier or distributor arising from his fault or negligence and/or unsatisfactory or inferior quality of goods, as may be provided in the contract.
- v. For the procurement of consulting services, poor performance by the consultant of his services arising from his fault or negligence, any of the following acts by the consultant shall be construed as poor performance:
  - a. Defective design resulting in substantial corrective works in design and/or construction;
  - b. Failure to deliver critical outputs due to consultant's fault or negligence;
  - c. Specifying materials which are inappropriate, substandard or way above acceptable standards;



- d. Allowing defective workmanship or works by the contractor being supervised by the consultant; and
  - e. Submitting CV's of key Person(s) / Firm(s) in the prequalifying process or bid documents of professionals that are not in actual employment of the bidder.
- vi. For the procurement of infrastructure projects, poor performance by the contractor or unsatisfactory quality and/or progress of works arising from his fault or negligence.
  - vii. Willful or deliberate abandonment or non-performance of the project or contract by the contractor resulting to substantial breach thereof without lawful and/or just cause.

In addition to the penalty of suspension, the performance security posted by the contractor could also be forfeited.

4.2.3 In addition to above, other grounds for blacklisting of firms/individuals include but are not limited to the following:

- i. Obtaining fraudulent payments;
- ii. Obtaining contracts by misleading the purchaser;
- iii. Refusal to pay SSGC dues etc.;
- iv. Failure to fulfill contractual obligations;
- v. Changes in the status of firm's ownership/partnership etc, causing dissolution of the firm which existed at the time of inspection / bidding prior to original registration of the firm;
- vi. Registration of a firm with a new name by the Proprietor or family or a nominee thereof of a firm that has been already blacklisted;
- vii. Consequential operational damages caused to SSGC equipment or infrastructure as a result of equipment or parts thereof supplied on trial basis or due to failure of such equipment;
- viii. Contractors who have negotiated Plea Bargain under the National Accountability Ordinance 1999, or contractors involved with any other criminal proceedings conducted by any investigation agency where default has been proved specifically in relation to supplies made to or contracts concluded with SSGC.
- ix. Involved in litigation or needless petitioning to influence or obstruct the procurement process either on his own behalf or at the behest of any other vested interest;
- x. A firm may be disqualified for a period extendable to two years in case a decision by a court is awarded against the said firm after litigation, or where the firm is involved in litigation at least three times during two financial years, or where a firm has on account of litigation caused substantial financial losses to SSGC;
- xi. Blacklisted by other Federal and Provincial Government Ministries / Divisions / Departments and organizations / autonomous bodies subordinate thereto; and
- xii. Blacklisting in case of Joint Venture firms will also result in termination of the concerned Joint Ventures Partners.

## 5. SYSTEM OF PENALTIES

For the purpose of uniformity, following system of penalties shall be adopted for procurement of goods, works and services:

- 5.1 Blacklisted and henceforth cross debarred for participation in any public procurement or disposal proceedings for the period of not more than ten years, if corrupt and fraudulent



practice as defined in these rules is established against the bidder or the bidders in pursuance of blacklisting proceedings;

- 5.2 blacklisted and henceforth cross debarred for participation in respective category of public procurement or disposal proceedings for a period of not more than three years, if the bidder fails to perform his contractual obligations during the execution of contract or breaches the contract due to his capacity and capability to perform or otherwise. However, procuring agency shall initiate such blacklisting or debarment proceedings after exhausting the forum of arbitration, provided that such provision exists in the conditions of contract, and if such failure or breach is covered in the respective dispute settlement clauses of the contract, and
- 5.3 blacklisted and henceforth cross debarred for participation in respective category of public procurement or disposal proceedings for a period of not more than six months, if the bidder fails to abide with a bid securing declaration, however without being indulged in any corrupt and fraudulent practice.

## 6. SUSPENSION AND BLACKLISTING PROCEDURE

1. The supplier or contractor who is to be blacklisted for a specified period is given adequate opportunity of being heard.
2. The supplier or contractor who is to be blacklisted for a specified period is called for meeting by providing adequate time, so as to give him adequate opportunity of being heard before taking any action.
3. In case the supplier or contractor does not attend the meeting on the given date and time a final notice is served to him / her to attend the meeting on the revised date and time. Despite the final notice, if the supplier or contractor does not attend the meeting as per schedule, automatically be considered at fault. Action will be taken as per below clauses 5 to 9.
4. A three-member committee will form comprising of User, Procurement and HSE&QA departments to address the issues in the meeting with the supplier or contractor. Members of committee may not below of grade IV.
5. In case the supplier or contractor is found at default based on the fact of the case as well as the tender terms and conditions, and do not justify the grounds of his default as per the tender terms and conditions, the approval is sought from the management for their temporary or permanent blacklisting alongwith encashment of bid bond or PBG as the case may be.
6. The decision of the management is communicated to the defaulted supplier or contractor through a formal letter.
7. A copy of the letter of the defaulted supplier / contractor alongwith covering letter with pertinent documents is / also forwarded to the Authority (PPRA) for uploading on PPRA website.
8. The blacklisting information of the supplier / contractor is uploaded on the websites.

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9. Any bidder not satisfied with the decision of the procuring agency, may lodge an appeal in the relevant court of jurisdiction.
10. After coming into force the procurement contracts, the dispute between the parties to the contract shall be settled by arbitration.

## 7. STATUS OF BLACKLISTED FIRM/INDIVIDUAL

Blacklisting of a firm/individual will not affect other ongoing contracts/works/supply orders. However, such blacklisted firm shall stand barred from all future tender processes/participation and Standing Security, if any, could be confiscated until recovery of financial damages ascertained by the authority while issuing Blacklisting Order.

## 8. DELISTING

A temporary blacklisted firm / individual shall be automatically restored after the period for the penalty has elapsed, unless the procuring agency wants to maintain the blacklisted status of firm / individual due to justifiable reasons with the prior approval of Appellate Authority. In the latter case, the temporary blacklisted firm / individual shall be restored.

## 9. AMENDMENTS

9.1 In the implementation of Blacklisting Mechanism, the modifications may be introduced thereto through the amendment of its specific provisions as the need arises.

9.2 Any amendment to this Blacklisting Mechanism shall be applicable to tenders advertised for bid after the effectivity of the said amendment.

## 10. EFFECTIVITY

The Blacklisting Mechanism or any amendments thereof shall take effect immediately and from the date of its issuance. All future tender documents must be governed by these instructions. However, these cannot override the provisions of Public Procurement Rules, 2004.

## **11. The Steps to be Followed are As Under**

The causes and reasons to be taken into consideration for Debarment / Blacklisting of any Person(s) / Firm(s) are given as under:

### 1. PRE-AWARD STAGE:

The following shall be considered, inter alia, the events / reasons for initiating proceedings under this Mechanism at the Pre-Award Stage:

- i Indulging in Corrupt, Fraudulent as well as Collusive practices.
- ii Submission of false and spurious documents, making false statements, making frivolous complaints and allegations to gain undue advantage.

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- iii Commission of embezzlement, criminal breach of trust, theft, cheating, forgery, bribery, falsification or destruction of records, receiving stolen property, false use of trademark, securing fraudulent registration, giving false evidence, furnishing of false information of serious nature.
- iv Submission of false bid security or infringement of documents to get undue monetary or any other benefit.
- v Breach of confidentiality of evaluation process based on illegal access or in any way to get undue benefit or to provide benefit or to frustrate the bidding/evaluation process. This will also include attempts to sabotage the bidding process directly or indirectly.

## 2. POST- AWARD STAGE:

The following shall be considered, interalia, the events / reasons for initiating proceedings under this Mechanism at the Post-Award Stage:-

- i. Extraordinary delay in signing or refusal to accept the Notification of Award and/or the contract without any cogent reason.
- ii. Misconduct, i.e., failure to proceed with the signed contract, withdrawal of commitments, quoting an unreasonably and unfairly low financial offer and subsequently withdrawing such an offer, frustrating the evaluation/bidding process and not responding to written communication in a reasonable time.
- iii. Causes mentioned in Sub-Clauses i, ii and iii above.
- iv. Submission of fake / frivolous or mutilated Performance Guarantee or Advance Payment Guarantee etc.
- v. Non-satisfactory performance during the execution of the contract / purchase order.
- vi. Non-performance or Breach of provisions / clauses of the contract agreements/tender terms.
- vii. Notwithstanding the warranty/defect liability period, any defect in a product, equipment, plant, facility or services rendered that may subsequently surface during field operations within 5 years of its commissioning.
- viii. Failure to honour obligations within warranty period or defect liability period as defined in the contract.

## 3. OTHER CAUSES :

- i. The Person(s) / Firm(s) is blacklisted by any Government department in Pakistan, or it is established that the firm is involved in any kind of corruption or corrupt practises anywhere in the world.
- ii. Violations of provisions / instructions set down in the Bidding Documents.

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- iii. Any attempt / activity to malign or bring SSGC into disrepute and harm its interest(s).
- iv. Person(s) / Firm(s) blacklisted by International Financial Institutions (donor agencies) will be liable to be blacklisted after receipt of confirmation from the donor agencies without any further proceeding.
- v. Any other cause deemed just and appropriate by CPPA in the given circumstances.

Note: (1) If above mentioned causes occur either on part of the principal bidder or the local agent, both shall be considered for blacklisting / debarment.

- (2) The authorization of the foreign bidder to local agent shall contain his complete particulars including the name of the company, name of the owner, National Tax number (NTN), CNIC (Computerized National Identity Card) No. etc. In case, the said information is found to be missing, even after calling for the same within a reasonable time, the authority letter shall not be accepted.
  - (3) The Bidding Documents shall be issued against original authority letter or in case of scanned copy, the email of the foreign bidder shall be enclosed. However, at the time of bidding, the original authority letter shall be attached with the bid. In the absence of the same, the bid shall be rejected.
4. FORMULATION of SSGC's Rights Protection Committee: A permanent Committee namely "SSGC's Rights Protection Committee (RPC or Committee)" shall examine the justification of the reasons given by the Project Authority prior to blacklisting. Member of RPC must be one grade up from the members of PA.

#### 5. PROCEDURE FOR BLACKLISTING

Upon receipt of or obtaining information and/or knowledge that any Person(s) / Firm(s) is involved in practices mentioned in hereinabove under the heading of Pre-Award Stage; Post-Award Stage and Other Causes, the concerned Project Authority / formation shall promptly formulate its recommendations and submit through the Managing Director, SSGC to SSGC's RPC / Committee along with its findings, details of charges and documentary evidences to initiate proceedings under this Mechanism.

#### 6. INITIATION OF AN ACTION

- (i) Within a period of 15 days after receiving the recommendations of Blacklisting / Debarment from the concerned Project Authority, the Convener of the Committee shall issue a Show Cause Notice ("Notice") thereby informing the Person(s) / Firm(s) about the alleged charges and shall provide an opportunity to the defend said charges within a time period of 15 (fifteen) days.
- (ii) The Person(s) / Firm(s) shall be accorded adequate opportunity of hearing in order to defend the charges within the given timelines.
- (iii) The Notice to the Person(s) / Firm(s) shall be sent at the mailing/postal address as provided under the Contract or any other address provided by way of subsequent written communication by the Person(s) / Firm(s) The non-receipt of the Notice due to incorrect / change in mailing address without any written communication shall not be attributable to

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SSGC. In case of non-receipt of any reply from the accused Person(s) / Firm(s) within the formulated time, but not less than the time given in (i) above, the Committee shall have the right to proceed on Ex-parte basis.

## 7. DECISION

The committee shall hold an independent inquiry/investigation as the case may be, and, which may include site visits and interviews with the parties concerned. The Committee shall complete the entire inquiry/investigation, preferably within a period of 30 days after receipt of response from the Person(s) / Firm(s) against whom proceedings under this Mechanism has been initiated and shall present the report to the Managing Director, SSGC. If required, the Committee may report the case to an appropriate law enforcement agency depending upon the nature of the case for detailed investigations with the prior approval of Managing Director, SSGC. iii. The Person(s) / Firm(s) against whom proceedings have been initiated under this Mechanism shall not proceed for arbitration/litigation during the proceedings for blacklisting.

## 8. COMMUNICATION OF DECISION

After recommendation for temporary & permanent blacklisting by "SSGC's Rights Protection Committee (RPC)", the Person(s) / Firm(s) concerned shall be informed within 10 days of such decision. The decision of the Committee will be notified on SSGC's and PPRA's websites and shall also be conveyed to Pakistan Engineering Council.

The temporary Blacklisting on the grounds and reasons specified herein above shall be for a reasonable specified period of time and as a general rule of prudence, the period may not exceed three years, except in cases where debarment/blacklisting has been done by any other government department or an International Financial Institution (Donor Agency). In case the Person(s) / Firm(s) has been blacklisted by the government department or the International Financial

Institution (donor agency), the period of temporary blacklisting/debarment shall be for a maximum period of 3 years or the time period for which the concerned government department/International Financial Institution (Donor Agency) debarred the contractor (whichever is higher). However the permanent blacklisting cannot be revived.

Action after the Person(s) / Firm(s) are placed on Blacklisting List:

- i. The decision of blacklisting will be immediately circulated to all concerned as mentioned herein above under the heading Communication of Decision.
- ii. In case of a contract already awarded to a Person(s) / Firm(s) which has been blacklisted and termination is either not possible or not feasible, the concerned Project Authority may proceed in this case to complete the contract with the approval of Competent Authority. (iii) The blacklisted Person(s) / Firm(s) shall stand disqualified from bidding from the date of decision against them. Any pending bids shall also stand rejected. If a contract has already been awarded to Person(s) / Firm(s), it shall be voidable at the option of SSGC. (iv) A separate register or data base will be maintained for blacklisted firms indicating reasons and period.

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**9. Effectiveness**

This Mechanism or any amendments thereof shall take effect immediately with the approval from Managing Director of Sui Southern Gas Company Limited.

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## **Procurement Department**

### **Standard Advisory to all Bidders**

#### **SUB: Sindh Sales Tax Withholding On Services Payment**

*(Effective from 1 July 2024)*

Dear Sir,

#### **Background**

Please be informed that:

1. Uptil February 2024, SSGC deducted 20% of Sindh Sales Tax amount from Invoice value payable to a Vendor for services rendered in Sindh & deposit the same with Sindh Revenue Board, while remaining 80% is deposited by the Vendor themselves.
2. From March 2024 – June 2024, SSGC deducted 80% of Sindh Sales Tax amount from Invoice value payable to a Vendor for services rendered in Sindh & deposit the same with Sindh Revenue Board, while remaining 20% is deposited by the Vendor themselves

#### **Amendment in Law**

Sindh Revenue Board (SRB) has amended Withholding Rules thereby requiring SSGC to deduct 20% of sales tax amount from Invoice Value.

#### **Revised Procedure for Sindh Sales Tax Withholding**

In order to ensure implementation of above amendment, following process is being implemented 01. July 2024:

- 1) 80% Sales Tax to continue to be withheld on 'Past' Invoices only (where Vendor has already deposited 20% Sales Tax in Government treasury provides evidence thereof).
- 2) 20% Sales Tax will be deducted on Current and future invoices (while 80% will be deposited by vendor directly with SRB)

It is needless to mention that only Sindh Withholding Rules have been amended white there is no change in other Rules (Income tax withholding Balochistan Sales Tax withholding; etc.)



سوی سٹریٹ گیس کمپنی لمیٹڈ  
پروکیورمنٹ ٹیبار ٹینٹ

تمام ٹھیکیداروں کے لئے معیاری ایئر انڈری  
خدمات کی ادائیگی پر سندھ سیلز ٹیکس  
(۱ جولائی ۲۰۲۴ سے نافذ العمل)

#### یس منظر

مطلع کیا جائے کہ:

1. فروری 2024 تک، SSGC نے سندھ میں فراہم کی جانے والی خدمات کے لیے وینڈرز کی انوائس ویلیو سے سندھ سیلز ٹیکس کی رقم کا 20% کاٹ لیا ہے اور اسے سندھ ریونیو بورڈ کے پاس جمع کرایا ہے، جبکہ وینڈرز بقیہ 80% خود جمع کراتے ہیں۔

2. مارچ 2024 سے جون 2024 تک، SSGC نے سندھ میں فراہم کی جانے والی خدمات کے لیے وینڈرز کی انوائس ویلیو سے سندھ سیلز ٹیکس کی رقم کا 80% کاٹ لیا ہے اور اسے سندھ ریونیو بورڈ کے پاس جمع کرایا ہے، جبکہ بقیہ 20% وینڈرز خود جمع کراتے ہیں۔

#### قانون میں ترمیم

سندھ ریونیو بورڈ (SRB) نے ود ہولڈنگ رولز میں ترمیم کی ہے جس کے تحت SSGC کو انوائس ویلیو سے سیلز ٹیکس کی رقم کا 20% کٹوتی کرنا ہوگی۔

#### سندھ سیلز ٹیکس ود ہولڈنگ کا نظر ثانی شدہ طریقہ کار

مندرجہ بالا ترمیم کے نفاذ کو یقینی بنانے کے لیے، 01 جولائی 2024 سے درج ذیل عمل کو نافذ کیا جا رہا ہے:

(1) 80% سیلز ٹیکس صرف 'ماضی' انوائسز پر کٹوتی جاری رہے گی (جہاں وینڈر نے پہلے ہی سرکاری خزانے میں 20% سیلز ٹیکس جمع کرایا ہے اس کا ثبوت فراہم کرتا ہے)۔

(2) 20% سیلز ٹیکس موجودہ اور مستقبل کے انوائسز پر کاٹا جائے گا (جبکہ 80% وینڈر براہ راست SRB کے ساتھ جمع کرائے گا)

یہ واضح رہے کہ صرف سندھ ود ہولڈنگ رولز وائٹ میں ترمیم کی گئی ہے دیگر رولز (انکم ٹیکس ود ہولڈنگ بلوچستان سیلز ٹیکس ود ہولڈنگ وغیرہ) میں کوئی تبدیلی نہیں کی گئی ہے۔

**ANNEXURE: I**

**Declaration of Ultimate Beneficial Owners Information for Public Procurement Contracts.**

1. Name
2. Father's Name/Spouse's Name
3. CNIC / NICOP/Passport No.
4. Nationality
5. Residential address
6. Email address
7. Date on which shareholding, control or interest acquired in the business.
8. In case of indirect shareholding, control or interest being exercised through intermediary companies, entries or other legal persons or legal arrangements in the chain of ownership or control, following additional particulars to be provided:

1	2	3	4	5	6	7	8	9	10
Name	Legal form (Company/Limited Liability Partnership /Association of Persons/Single Member Company/Partnership Firm/Trusted/Any other Individual, Body Corporate (to be Specified)	Date of Incorporation / Registration	Name of Registering Authority	Business Address	Country	Email Address	Percentage of shareholding control or interest of BO in the Legal Person or Legal Arrangement	Percentage of shareholding, Control or Interest of Legal Person or Legal Arrangement in the Company	Identity of Natural Person who Ultimately owns or Controls the Legal Person or Arrangement



9. Information about the Board of Directors (details shall be provided regarding number of shares in the capital of the company as set opposite respective names).



Ref: SSGC/LP/NT/PT/2105944/2025  
Dated: 23-12-2025

## SCADA SYSTEM

### TENDER ENQUIRY# SSGC/LP/EPADS/PT/2105944

Dear Sir,

With reference to above mention subject tender enquiry; please find the enclosed revised copy of Special Terms & Condition for your reference. Please quote accordingly. Previous Special Terms & Condition be treated as null & void.

All other terms & conditions will remain unchanged.

Inconvenience caused is highly regretted please.

Regards,

  
For General Manager (Procurement)



## 11. Special terms and conditions:

### a. Pre-Bid Meeting

A pre-bid meeting will be held in SSGCL Head Office after publishing of the tender. The venue, date and timing of the meeting will be notified by SSGCL in due course. Bidders are advised to attend the pre-bid meeting and obtain clarifications and information necessary for preparation of bid document.

### b. Site visits

The bidders are advised to visit and examine the site to assess the scope of work and its surroundings. They should obtain, at their own responsibility, all necessary information for preparing their bid and entering into a contract for this project. All costs associated with this visit shall be borne by the bidders.

### c. Bidder Qualifying Criteria

- i. Bidder should be registered in PEC with C4 or above category with specialized codes CE08, EE03 OR EE04, EE07 OR EE08.
- ii. Bidder must have at least 5 years of experience for similar nature works in Oil & Gas Sector.
- iii. Bidder should have executed at least 4 projects of similar nature of amount  $\geq$  Rs. 60 Million in last 5 years with at least 2 in oil and gas sector.
- iv. Bidders should submit proposed detailed work plan including, Equipment list & Technical Literature, Engineering Design and Execution Plan with timelines.
- v. Project Manager proposed for Project should have minimum 5 years of related experience, while other team members should have minimum 3 years of experience.
- vi. Bidder should provide all necessary document evidence required for evaluation.
- vii. Minimum qualifying marks are 70 Marks as per attached marking criteria (Annexure-I).
- viii. This is a turnkey project and bidder should provide turnkey solution.
- ix. Supply / Installation & Commissioning of Complete Project are interrelated hence, payment of supplies will be released after successful Installation & Commissioning of complete project.
- x. The bidder should provide an OEM or OEM-authorized distributor/reseller certificate for the Field Instruments, PLC/Controller, Radio Modem, and Solar Charge Controller to be supplied for this specific project, along with the bid documents.

### d. Inspection of Materials and Witness Testing

- i. The Contractor shall carry out all inspections, examinations, and tests and provide certifications (if required) to SSGCL.
- ii. Should any inspected or tested equipment or material fail to conform to the Specifications, SSGCL may reject the item. The Supplier shall either replace the rejected equipment/material and installation work or make all necessary alterations to meet the specification requirements at no cost to SSGCL.
- iii. SSGCL reserves the right to inspect and, where necessary, reject the equipment and material. This right shall not be limited or waived by reason of any equipment, material, or installation work having previously been inspected, tested, and passed by SSGCL.
- iv. It shall be the sole responsibility of the Contractor to provide the best engineering design and procure supplies accordingly. In the event of any malfunction or poor performance of the equipment, the Contractor shall be responsible for replacing the item with a new one.



e. Warranty/Defect Liability Period

- i. The Bidder warrants to SSGCL that the goods provided are brand new and free from defects in workmanship and materials used in their manufacture.
- ii. The warranty period shall be twelve (12) months from the date of issuance of the Substantial Completion Certificate for whole project, which shall be issued by SSGCL after the complete installation and commissioning of all sites.
- iii. Any defective parts shall be replaced by the Supplier if claimed during the stated warranty period.
- iv. Transportation and freight costs for the replacement of defective parts shall be borne by the Supplier.
- v. The warranty claim shall cover all potential issues that may occur during the operation of the automation and control system.
- vi. Historical data shall be maintained by the Contractor regarding all types of issues and corrective maintenance carried out by the Contractor. For the release of submitted guarantees, upon satisfactory operation, the submitted guarantees will be released.
- vii. Failure to fulfill warranty requirements will result in forfeiture of the submitted guarantees.

f. Delivery & Installation Period

- i. Material Delivery period shall be 120 Days after firm Order is placed.
- ii. Installation and Commissioning period shall be 4 Months after Letter to Proceed is issued by SSGC.

g. Performance Acceptance Criteria

- i. **Response Time:** The response time for commands, executed from Centralized Control Station must be less than 10 seconds.
- ii. **Real-time Data Monitoring:** The automation system should continuously provide real-time monitoring of key parameters such as pressure and valve positions, with no data gaps.
- iii. **Communication Link Availability:** Communication links between automation Centralized Control Station, RTUs (Remote Terminal Units), and field devices must maintain an availability rate of 99% or greater.
- iv. **System Security & OT:** The automation system should be protected with advanced security measures (as per latest industry exercise) to prevent unauthorized access or tampering.

h. Sub-Contracting

Sub-contracting arrangement for Engineering / Design and Supply by the Principal bidder is not allowed, however for installation, fabrication & commissioning, Sub contracts maybe engaged, under the supervision and complete liability of the principal bidder.

