

CLARIFICATION# 3/ CORRIGENDUM# 1/ EXTENSION# 3
INSTRUMENTATION FOR ORIFICE METER RUNS WITH ALL ACCESSORIES
(On Package Basis)
TENDER ENQUIRY# SSGC/FP/PT/14331

Dear Sir,

This refers to the above mentioned tender enquiry, one of the prospective bidders has raised a query and the response to that query is being forwarded to all the prospective bidders to maintain the transparency.

S.#	Bidder's Query	SSGC's Response
1	Our product is suitable for the analysis of C1-C6+, CO2 and N2 in the provided revised composition. We understand sulfur components H2S, mercaptans measurement are not required. Please confirm.	Yes confirmed.
2	Refer to gas composition shared with tender docs, regarding the selection of GC model, we need to know SSGC need to measure the components Sulphure Max, Mercaptans and H2S in gas stream or not? please confirm.	Not required, kindly compliant as per tender specification.
3	The installed Online Gas Chromatograph has a nominal power consumption of approximately 7 W. Kindly clarify the total connected load and provide a complete load calculation, battery autonomy calculation, and solar sizing calculation with the proposal. Engineering Recommendation If the GC truly consumes only 7 W, then the specified system of: • 2 x 600 W solar panels • 4 x 100 Ah GEL batteries • 50 A MPPT controller is more than adequate for a 90 W load and can provide excellent autonomy. If you insist on these components, then kindly send me the complete load for designing solution as per the demand.	Please comply with Clause No. 2 of the Technical Specification Sheet as per the details provided.
4	Section 3 Page 1, item #1: FLOW COMPUTERS mentions flow computer for orifice metering meter runs c/w. Sensors for 4 meter runs and accessories. <u>Query:</u> However, item #3 requires 3 orifice fittings. Please clarify if the orifice fittings are three (3) or four (4).	Yes, four-meter run flow computer required.
5	The tender clause 5.3 requires to follow latest edition of standards (API, AGA, ASME, ISA, ISO) <u>Query:</u> Hence, please reconfirm if bidder has to provide full compliance of AGA report 3, Part 1, Part 2, Part 3 & Part 4 (all parts) and include calculations of the overall uncertainty for the offered orifice meter run inline with the guidance given in AGA Report 3, part 01 (latest) section 12 and ISO 5167-1: 2022 (section 5.6.5) including complete flow computer with accessories to support recommendation for "diagnostics and meter verification". Attached please find Annexure 01 with relevant extract of ISO 5167-1:2022 (E) Section 5.6.4 (latest) and Section 5.6.5 for your ready reference. Kindly clarify.	Validation of the meter run within the flow computer, as well as provision of advanced diagnostics and meter verification features, is not part of the project scope and shall not be required. Bidders are advised to submit their proposals in line with the specified functional requirements of the tender.
6	The tender clause 16.1.1 states "PBG shall remain valid till completion of satisfactory DELIVERY in case of consumable items." The tender clause 16.1.2 states "PBG shall remain valid till 12-18 months from the date of satisfactory DELIVERY of the equipment/machinery." The tender clause 16.1.3 states "PBG shall remain valid till satisfactory delivery/installation of system in case the installation responsibility is on supplier's part." <u>Query:</u> In view of the above-mentioned clauses please clarify the PBG is required to be valid until 12 months or 18 months. This tender requirement is only for the supply, and our understanding is that the PBG will be released upon 12 months from the ship date (i.e. BL date) as the delivery condition says that the bidder is responsible to handover the shipment to client nominated shipping line PNSC at the FOB shipping point. Here, we understand that there is no scope of installation or commissioning and the scope remains only supply and as per the tender T&C the bidder ship date will be considered as the start of PBG validity of 12 months. Kindly clarify	The subject requirement is of Non-consumable items. In this regard, Clause# 16.1.2 of General Terms & Conditions will be applicable.

Further, please find enclosed **Revised Price Schedule/BOQ (Section-3) (Revision-1) & Revised SOR (Annexure-I) of (Section-4) (Revision-1)** and treat the same as an integral part of tender document in replacement of the existing Price Schedule/BOQ (Section-3) & SOR (Annexure-I) of (Section-4).

Therefore, it is requested to treat previous Price Schedule/BOQ (Section-3) & SOR (Annexure-I) of (Section-4) as null & void and quote according to the **Revised Price Schedule/BOQ (Section-3) (Revision-1) & Revised SOR (Annexure-I) of (Section-4) (Revision-1)**, please.

Furthermore, the bid submission date of the subject tender enquiry has been extended up to "**31-July-2026 at 1030 Hrs.**" instead of existing.

Please note that in case if the bid bond validity fall short of 150 days due to extension in bid submission date, the bidders are liable to extend the bid bond validity up to 150 days within 30 days of the opening of technical proposals.

Important Note: All prospective bidders who intend to submit bid against the subject tender enquiry and want to submit bid bond in shape of Bid Bond Guarantee, the format of Bid Bond Guarantee should be same as the format of Bid Bond given in the tender document else the bid will be liable for rejection.

All other terms & conditions will remain unchanged.

Inconvenience caused is highly regretted please.



For **General Manager (P)**



REVISED PRICE SCHEDULE FOR GOODS TO BE OFFERED OUTSIDE PAKISTAN

TENDER ENQUIRY NO : SSGC/FP/ 14331

Section-3
(Revision-1)

* Only for local manufacturer

Sr. No	Description	Country of Origin / Make / Brand	Qty	Unit	Unit FOB price Port of Loading	Total FOB Cost / Item (COL 4x6)	Unit Price C&F (Port of Entry Karachi)	Total C&F Port of Entry (COL 4x8)	Unit FOR Price	Total FOR Price (COL 4x10)
1	2.	3	4	5	6	7	8	9	10	11
	<u>FLOW COMPUTERS</u>									
1	[1] 44041873 FLOW COMPUTER FOR ORIFICE METERING METER RUNS C/W. SENSORS FOR 4 METER RUNS AND ACCESSORIES (AS PER SPECS. ATTACHED)		1	Set						
	<u>CHROMATOGRAPH</u>									
2	[2] 04726413 GAS CHROMATOGRAPH ONLINE SINGLE STREAM C6+ TYPE FOR THE DETERMINATION OF NATURAL GAS COMPOSITION (AS PER SPECS. ATTACHED)		1	Each						
	<u>ORIFICE FITTINGS</u>									
3	[3] 53272103 ORIFICE FITTING DUAL CHAMBER TYPE COMPLETE WITH METER TUBES AND ACCESSORIES, WITH METER TUBE 8" x 0.500" WT. (METER TUBE ID=7.625"), CLASS 600, AND IN MATERIAL API 5L GRADE B, (AS PER SPECIFICATIONS ATTACHED)		3	Set						
	<u>ORIFICE PLATE FOR 8" x CLASS 600</u>									
4	[4] 53272113 PLATE THICKNESS 0.25", FOR DUAL CHAMBERED ORIFICE FITTINGS, MAT: 316 SS, FLOW RANGE 35 TO 45 MMCFD, BORE SIZE OF OP SHALL BE SPECIFIED BY THE BIDDER WITH CALCULATION DATA SHEET (AS PER SPECIFICATION)		3	Each						
	<u>ORIFICE PLATE FOR 8" x CLASS 600</u>									
5	[5] 53272123 PLATE THICKNESS 0.25", FOR DUAL CHAMBERED ORIFICE FITTINGS, MAT: 316 SS, FLOW RANGE 25 TO 35 MMCFD, BORE SIZE OF OP SHALL BE SPECIFIED BY THE BIDDER WITH CALCULATION DATA SHEET (AS PER SPECIFICATION)		3	Each						
	<u>ORIFICE PLATE FOR 8" x CLASS 600</u>									
6	[6] 53272133 PLATE THICKNESS 0.25", FOR DUAL CHAMBERED ORIFICE FITTINGS, MAT: 316 SS, FLOW RANGE 20 TO 25 MMCFD, BORE SIZE OF OP SHALL BE SPECIFIED BY THE BIDDER WITH CALCULATION DATA SHEET (AS PER SPECIFICATION)		3	Each						
	<u>ORIFICE PLATE FOR 8" x CLASS 600</u>									
7	[7] 53272143 PLATE THICKNESS 0.25", FOR DUAL CHAMBERED ORIFICE FITTINGS, MAT: 316 SS, FLOW RANGE 15 TO 20 MMCFD, BORE SIZE OF OP SHALL BE SPECIFIED BY THE BIDDER WITH CALCULATION DATA SHEET (AS PER SPECIFICATION)		3	Each						
	<u>ORIFICE PLATE FOR 8" x CLASS 600</u>									
8	[8] 53272153 PLATE THICKNESS 0.25", FOR DUAL CHAMBERED ORIFICE FITTINGS, MAT: 316 SS, FLOW RANGE 10 TO 15 MMCFD, BORE SIZE OF OP SHALL BE SPECIFIED BY THE BIDDER WITH CALCULATION DATA SHEET (AS PER SPECIFICATION)		3	Each						
	<u>ORIFICE PLATE FOR 8" x CLASS 600</u>									
9	[9] 53272163 BLIND ORIFICE PLATE THICKNESS 0.25", FOR DUAL CHAMBERED ORIFICE FITTINGS, MAT: 316 SS, (AS PER SPECIFICATION)		2	Each						

Delivery Schedule: Delivery schedule as per attached list.
FIXED BID SECURITY USD 1,100 OR PKR 315,000

NOTE TO SUPPLIER: * According to SRO827(1)2001, "engineering goods" means good specified in CGO11/2007, as per SRO the bidder will be considered as local manufacturer for the engineering goods if their names are appearing in the CGO list.



REVISED PRICE SCHEDULE FOR GOODS TO BE OFFERED OUTSIDE PAKISTAN

TENDER ENQUIRY NO : SSGC/FP/ 14331

Section-3
(Revision-1)

* Only for local manufacturer

Sr. No	Description	Country of Origin / Make / Brand	Qty	Unit	Unit FOB price Port of Loading	Total FOB Cost / Item (COL 4x6)	Unit Price C&F (Port of Entry Karachi)	Total C&F Port of Entry) (COL 4x8)	Unit FOR Price	Total FOR Price (COL 4x10)
1	2									

Delivery Schedule: Delivery schedule as per attached list.**IMPORTANT**

We draw your special attention to :

- Prices given here in shall take into account with relevant factors including discounts , if any.
- Proforma Invoice of the principal is mandatory required to be submitted by the Supplier which shall match with the price schedule.
- In case when bidder submit alternate bids a separate bid bond for each bid is required. otherwise bid will be liable for rejection.
- All offer shall remain valid up to 120 days from the date of opening of bids and bid bond shall remain valid for 150 days.
- The prices on FOB and C&F (PNSC freight to be submitted by the bidder(s) is mandatory) basis should be quoted separately as given above.
- Following information shall be mentioned in the bid.
(a) Country of Origin (b) Port of Shipment (c) Estimated Gross weight / Volume
- The bid validity and the delivery schedule shall match with the schedule of Requirement / Bid Form. In all circumstances the bid validity and delivery schedule given on Schedule of Requirement / Bid Form will prevail without any further recourse.
- 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.

Signature : _____

Person Name : _____

Company's Name : _____

Date : _____

S T A M P

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SECTION - 4
(Revision-1)

(STRS/F/004/2002)

Annexure-1



SUI SOUTHERN GAS COMPANY LIMITED
STATEMENT OF REQUIREMENTS (Revised)

REF. NO:	
DATE	24 06 2026

DEPARTMENT: Planning & Development

DESCRIPTION OF JOB / PROJECT: 08" DIA X 09 KM PIPELINE FROM POD SUJAWAL TO POD
NUR BAGLA FOR PATEJI X-1 GAS FIELD

JOB / PROJECT EXPECTED DATE OF COMMENCEMENT: July 2027

JOB NUMBER: 7

SCHEDULE & PLACE OF DELIVERY: Khadiji Store

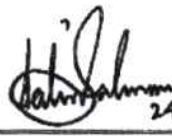
TYPE OF STCOK: Foreign Tendering

SR. NO:	DESCRIPTION OF MATERIAL REQUIRED	INDEX NO:	UOM	QUANTITY
ORIFICE METERS (Package#1)				
01	Orifice fitting dual chamber type complete with Meter Tube and accessories and as per specification under Clause 6 with meter tube 8" N.B x 0.500" W.T. (Meter Tube ID= 7.625"), Class 600 in material API 5L Grade B. Outer End Connections: Weld Neck Flange at Upstream & Down Stream Meter Tube shell be for Welding (as per Spec)	53272103	Set	03
ORIFICE PLATES				
Orifice plates with thickness 0.25" Thick, to be used in the above Dual chambered orifice fittings. Material shall be 316 stainless steel, The maximum differential shall be 100" W.C - 200" W.C.				
1.1	Flow range from 35 to 45 MMCFD. Bore size of OP shell be specified by the bidder with (calculation data sheet)	53272113	Nos	03
1.2	Flow range from 25 to 35 MMCFD. Bore size of OP shell be specified by the bidder with (calculation data sheet)	53272123	Nos	03
1.3	Flow range from 20 to 25 MMCFD. Bore size of OP shell be specified by the bidder with (calculation data sheet)	53272133	Nos	03

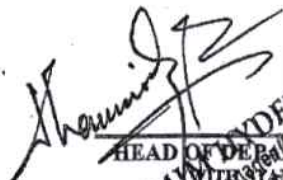


(STRS/F/004/2002)

1.4	Flow range from 15 to 20 MMCFD. Bore size of OP shell be specified by the bidder with (calculation data sheet)	53272143	Nos	03
1.5	Flow range from 10 to 15 MMCFD. Bore size of OP shell be specified by the bidder with (calculation data sheet)	53272153	Nos	03
1.6	Blind Orifice Plate for 8"	53272163	Nos	02
Flow Computers (Package # 2)				
2.	Flow Computer For Orifice Meter Run C/Sensors For 4 Meter Run With Accessories (As Per Specifications Attached)	44041873	Nos	01
Gas Chromatograph (GC) (Package # 3)				
3.	On-line single stream Gas Chromatograph C6+ type for the determination of Natural Gas composition with accuracy of +/- 0.05 % of Gross Btu/scf. as per specification under Clause 9.	04726413	No	01
DELIVERY SCHEDULE : The above quantities of Equipment's / Instrumentation are to be shipped in accordance with the following delivery schedule:				
Shipment	Good	Arrival Date at Karachi Port (for C&F contracts)	Delivery (for FOB) Ex-work contracts	
1	As per schedule of Requirement (Annexure - I)	28 weeks from the date of opening of Letter of Credit	24 weeks from the date of opening of Letter of Credit.	


 24/06/26
INDENTOR
Engr. AATIR SALMAN
 Dy. General Manager
 P & D - Transmission
 Sui Southern Gas Co. Ltd.




SHAMIR
 HEAD OF DEPARTMENT
 Act. General Manager
 Sui Southern Gas Co. Ltd.