



INDRADHANUSH GAS GRID LIMITED (IGGL)

(Joint Venture of IOCL, ONGC, GAIL, OIL and NRL)

GUWAHATI, ASSAM

**NORTH -EAST GAS GRID PIPELINE PROJECT
(PIPELINE SECTION 4,6,7,8,12,13 & 14)**

CORRIGENDUM 3 FOR PROCUREMENT

OF

**BI-DIRECTIONAL SCRAPPER TRAP WITH PIG
SIGNALLERS, PSVs and QOECs (FOR BLOW DOWN LINE)**

OPEN DOMESTIC COMPETITIVE BIDDING

Tender No.: 05/51/23VC/IGGL/007A

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PREPARED AND ISSUED BY

MECON LIMITED

(A Govt. of India Undertaking)

Delhi, India



CORRIGENDUM # 3
FOR PROCUREMENT OF BI-DIRECTIONAL SCRAPER TRAP WITH PIG
SIGNALLER, PSVs and QOECs (FOR BLOW DOWN LINE) FOR NORTH -EAST GAS GRID PIPELINE PROJECT (PIPELINE
SECTION 4, 6, 7, 8, 9, 12, 13 & 14) OF M/S INDRADHANUSH GAS GRID LIMITED
Tender no. : 05/51/23VC/IGGL/007A



Dated : 02.02.2022


Sl. No.	Description	Volume	Page No.	Clause / Para / Section	Amendment / Addition / Modification / Deletion	
1	Data Sheet	II of II			Amendment	The revised datasheet of Pig Signaler is enclosed as Annexure-1 to this Corrigendum

All other terms & conditions of tender document remain unaltered.

ANNEXURE-I to CORRIGENDUM 3

Pig Signaller Tag Nos.	As per P&ID
General	
Service	
Area Classification	Zone 2, Gr. IIA/ IIB, T3 as per IEC 60079
Pig Detection	At Passage


Sensing Element	
Type	Non-intrusive
Sensor Element	Piezo electrical crystal or Magnetic Type
Sensor repeatability	1% Minimum
Detection	Non Intrusive
Connection	Universal Clamp-on type
Self testing capability	Required
Detection Speed	(Vendor to provide)
Signal Output	2 No. Potential free contact (DPDT)(1NO +1 NC) (24 VDC 2A)
Housing	Hermetically sealed SS316
Terminal Box	
Body Material	SS316 as a minimum.
Degree of Protection	Explosion proof with IP65 as per IEC 60529
Power Supply (BY Purchaser)	24VDC
Signal Interface	To RTU/SCADA for pig detection through potential free contacts.
Cable Entry	<p>½" NPTF (In case vendor's standard connection is other than 1/2", vendor shall provide suitable adaptor to meet the 1/2" NPTF connection size specified.</p> <p>Following cable entry shall be provided as a minimum: 1no. for Signal, 1no. for Power supply, 1 no. as spare.</p> <p>Cable glands shall be Double compression type with PVC shroud, explosion proof.</p>

Rev. 0	DATA SHEET FOR PIG SIGNALLER (NON-INTRUSIVE TYPE)	
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summarized below.

Manufacturer shall submit the following documents (in English only) :

- a) General arrangement drawings with overall dimensions and cross-sectional drawings.
 - b) Power consumption details.
 - c) Reference list of similar supplies of pig signaller which have successfully been commissioned & working satisfactorily for 6 months as on bid due date shall be furnished including Project, Year of supply, Client, Size and Service for the last seven years
 - d) Sectional arrangement drawings showing all parts with reference numbers and material specification including mounting details of pig signallers on the pipeline.
 - e) Cable connection details and cable specification.
 - f) Test Certificates.
 - g) Manual for installation, erection instructions, maintenance and operation instructions.
 - h) Manufacturer shall provide standard installation drawing for mounting of sensor on pipe, which should indicate the welding details of the support brackets to the pipe as a minimum
 - i) ITP/FAT Procedure for approval
5. ITP/FAT Procedure for the Pig signallar & GA drawings (with installation procedure/ material details) shall be submitted by vendor for consultant /owner review.

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