



Energising Quality

REPLIES TO BIDDER'S PRE-BID QUERIES DATED 10.06.2022

**LAYING & CONSTRUCTION OF STEEL GAS PIPELINE & TERMINALS ALONG WITH ASSOCIATED FACILITIES
FOR
SECTION-10 & 11 UNDER NORTH EAST GAS GRID PHASE-III OF IGGL**



TENDER ID: VCS21000018

Tender No.: C221052-VCS-IGGL-TENDER-002 Dtd 21.05.2022

Sl. No.	Tender Clause No.	Tender Page No.	Description	Bidder's Query/Clarification	IGGL/VCS Reply
1	General	-	Kmz File	Request you to provide the kmz file.	KMZ/KML shall be provided to Successful Bidder
2	General	-	Unpriced SOR	We are unable to find the unpriced SOR on E-portal of tenderwizard	SOR uplaoded alongwith Tender should be used for both the purposes, i.e. for submission of Un-Priced Bids & Priced Bids
3	General	-	Completion Schedule	Looking at physical condition of site, the completion schedule given in the tender i.e. 6 + 3 = 9 months is very short period. Bidder propose the same as 12 + 3 = 15 months	Tender Conditions Shall prevail.
4	SCC	32	Price Adjustment...	Asking rate of 24 km/month is very high. Bidder request to re-evaluate the same.	Tender Conditions Shall prevail.
5	SCC	Annexure 13A & 14	Annexure 13A & 14 of SCC	Only Unit Rate is available in the Annexure 13A & 14 of SCC. Bidder request to provide quantity & amount.	Updated Annexure12, 13A & 14 is attached with Corrigendum. Bidder to refer the same.
6	Document No: VPC-SS-PP-2019 (Standard Specification for welding of Onshore Hydrocarbon Pipeline)	Annexure-III OF Volume II of IV (320 of 1767)	Radiography	<p>For Radiography Tesing of Weld joints, Bidder proposing to use Computerized Radiography System (CRS - RT) by using Image Plates instead of chemical processed film.</p> <p>The main advantage of using the technique are as follows:</p> <ol style="list-style-type: none"> 1. Gives high sensitivity and better image quality. 2. Early result compared with conventional film processing RT. 3. Instant scanning and digital image once exposed during realtime job and film developing & drying process are eliminated that reduces 1/2 part of time on conventional Radiography Process. 4. It replaces film by reusable Image Plate, no film processing, not requires any handling & preservation of films by dark room. 5. Eliminates film artificates shuch as Re-shoot, Retake, expose to sunlight (fog) etc. that eliminates the re-radiography work due to technician error. 6. Conventional processed film image quality can be preserved upto 5 years and need seperate storage space / room for preserving films where as in CRS-RT soft copy can be stored through hard disk, portable, easy retrivability on future requirement and can be viewed/interpreted on computer screen anywhere. 7. If hard copy required for digitized RT Image, same can be printed. 	Tender Conditions Shall prevail.



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Sl. No.	Tender Clause No.	Tender Page No.	Description	Bidder's Query/Clarification	IGGL/VCS Reply
7	Document No: VCS-VL-001 (List of approved Parties for Boughtout Items)	CLAUSE NO III 11 OF 48	Welding Electrodes	Bidder proposing for M/S ITW (Hobart) as list of approved vendor for supply of welding Electrodes / Filler wire for pipeline & piping works.	Tender Conditions Shall prevail.
8	SOR	SOR	Item rate for Rock HDD	As per the survey reports mentioned in the tender documents, Rock is encountered at major area, so separate item rate for laying of pipeline by HDD Method in rocky strata should be added in the SOR	Line item provided in SOR is inclusive of all type of ROCK , Bidder to quote accordingly.
9	BEC	12 A.1	BEC Technical	<p>As per TECHNICAL CRITERIA mentioned in the referred clause The bidder should have successfully executed/ completed in last 07 (seven) years to be reckoned from the bid due date, at least one single contract (*) involving laying / installation, testing of buried cross country hydrocarbon transmission steel Pipeline of 600# & above, rating of diameter and length, document proof against the same is as follows</p> <p>(a) Detailed work order along with Schedule of Rates.</p> <p>(b) Completion certificate issued by end user / Owner (or their consultant who has been duly authorized by owner to issue such certificate) OR Execution certificate (issued by the end user/ owner/authorized consultant) in place of completion certificate for meeting the stipulated experience criteria provided that the asset for which the said execution certificate has been issued is ready for commercial use.</p> <p>Though contractor completes the mainline mechanical job (I.e., hydrotesting, EGP) and make the line in a single stretch, it is up to client decision whether to commission the line or make the section for ready for commercial use. So, we request you to kindly modify the clause Execution certificate (issued by the end user /owner/authorized consultant) in place of completion certificate for meeting the stipulated experience criteria provided that the asset is ready for commercial use i.e. "Hydro testing" and "EGP" or "Drying" or "Nitrogen Purging" has been completed</p>	The pipeline ready for commercial use shall mean that pipeline is completed upto drying / N2 purged / pre-commissioned / commissioned.
10	SOR	SOR	Item rate for Hard Rock	Request to confirm whether Excavation in hard rock is considered as separate line item in SOR or not?	Bidder to note that line item provided in SOR is applicable for all type of soil including HARD ROCK. Bidder to quote accordingly



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Sl. No.	Tender Clause No.	Tender Page No.	Description	Bidder's Query/Clarification	IGGL/VCS Reply
11	SOR	SOR	Item rate for Hard Rock for HDD	Laying of HDD in Hard rock is not given in SOR so kindly confirm Boring rock item is not available in SOR so kindly confirm	Line item provided in SOR is applicable for all type of soil including HARD ROCK. Bidder to quote accordingly.
12	SOR	SOR	HDD Depth	In HDD section abnormal Depth has been identified during site survey and also due to space constrain it is not possible to position HDD Rig and pipe stringing is also not possible.so please confirm whether open cut is permitted or not	HDD/Opencut shall be decided as per site conditions and shall be paid as per respective SOR item.
13	SOR	SOR	Depth	As per SOR - Trenching and backfilling will be at maximum by 1.2 to 1.7 m depth but based on the site condition in case if the depth is recommended below than actual during execution. Kindly confirm on what basis the rate will be considered	Minimum depth of cover shall be maintained as 1.2 m
14	SOR	SOR	Hill Area trenching	As it is Hilly area so there is no space for trenching as mentioned in SOR and also in some area it is more than 10 meter and 15 Meters. Kindly confirm on what basis the rate will be considered	Bidder to quote uniform rate considering site conditions
15	BEC	BEC	Joint Venture	Joint venture bids allowed or not? In tender documents, at some places there is provision of JV bidding. Please clarify	Bidder to note that Bids from Joint Venture / Consortium are not allowed in the instant tender as per Note A (ii) of Section II, Clause 3.0 of ITB & Point No. 3 of BDS of Commercial Tender Document. However, only experience as a JV member will be considered as per Clause A.2 of Section II of Commercial Tender Document. Any reference w.r.t. JV/Consortium shall be dealt inline with above clarification.



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CORRIGENDUM #3**LAYING & CONSTRUCTION OF STEEL GAS PIPELINE & TERMINALS ALONG WITH ASSOCIATED FACILITIES FOR SECTION-10 & 11 UNDER NORTH EAST GAS GRID PHASE-III OF IGGL****(Tender No.: C2201052-VCS-IGGL-TENDER-002)**

Date : 10.06.2022

Tender ID: VCS21000018

Project : NORTH EAST GAS GRID PHASE-III OF IGGL, ASSAM

Owner : INDRADHANUSH GAS GRID LIMITED (IGGL)



Sl. No	Discipline	Description	Page No.	Clause/ Para/ Section	Amendment/ Addition/Modification/Deletion	Details
1	Process	Process P&IDs	Page 5 to Page 9 (Legends Sheets), Page 13 to Page 38 (P&IDs Dimapur & Siliguri section) of Volume-III	Legend sheets & P&IDs	Modification	Legends Sheet and P&IDS provided in mentioned clauses (Page 5 to Page 9 and Page 13 to Page 38) shall be replaced and read as specified in " Process Attachment-1 " of this Corrigendum.
2	Pipeline & Piping	Pipeline Route Map (For Dimapur & Siliguri Section)	--	--	Addition	Pipeline Route Map added. Refer " Pipeline Attachment - 1 " of this Corrigendum
3	Pipeline & Piping	Pipeline Schematic Diagram (Dimapur Section)	705 of 1438 of Volume-I and 10 of 557 of Volume-III	Appendix-IV of Volume-I	Modification	Schematic for Dimapur Section provided in mentioned clauses shall be replaced and read as specified in " Pipeline Attachment-2 " of this Corrigendum. In Attachment -2, There is no change w.r.t Previous schematic. Tentative Major crossing has been added for more clarity.
4	Pipeline & Piping	Survey Report (Dimapur Section)	Page 4 to Page 83 of Volume-IV	VOLUME IV OF IV Survey Report -Dimapur Pipeline Section (Applicable For All Spread, All Parts)	Modification	Survey Report for Dimapur Section provided in mentioned clauses (Page 4 to page 83 of Volume IV) shall be replaced and read as specified in " Pipeline Attachment-3 " of this Corrigendum.
5	Pipeline & Piping	Survey Report (Siliguri Section)	Page 85 to Page 194 of Volume-IV	VOLUME IV OF IV Survey Report -Siliguri Pipeline Section (Applicable For All Spread, All Parts)	Modification	Survey Report for Siliguri Section provided in mentioned clauses (Page 85 to page 194 of Volume IV) shall be replaced and read as specified in " Pipeline Attachment-4 " of this Corrigendum.
6	Pipeline & Piping	Pipeline Alignment Sheet (Siliguri Section)	Page 40 of 557 to Page 149 of 557 of Volume-III	Volume III Of IV Pipeline Alignment Sheet (Applicable for All Spread of Part C, D & E)	Modification	Pipeline Alignment Sheet for Siliguri Section provided in mentioned clauses (Page 40 to Page 149) shall be replaced and read as specified in " Pipeline Attachment-5 " of this Corrigendum.
7	Pipeline & Piping	Pipeline Alignment Sheet (Dimapur Section)	Page 151 of 557 to Page 230 of 557 of Volume-III	Volume III Of IV Pipeline Alignment Sheet (Applicable for All Spread of Part A & B)	Modification	Pipeline Alignment Sheet for Dimapur Section provided in mentioned clauses (Page 151 to Page 230) shall be replaced and read as specified in " Pipeline Attachment-6 " of this Corrigendum.
8	Pipeline & Piping	Pipeline Typical Drawings	Page 231 of 557 of Volume-III	Volume III Of IV Pipeline Typical Drawings (Applicable for All Spread)	Addition	Apart from Typical drawings attached in tender, 16 Nos of Pipeline Typical Drawing further added in this Corrigendum. Refer " Pipeline Attachment-7 " of this Corrigendum
9	Pipeline & Piping	Welding Specification Chart	Page 337 of 1767 of Volume-II	-	Modification	Welding Specification Chart provided in mentioned clauses (Page 337 of 1767) shall be replaced and read as specified in " Pipeline Attachment-8 " of this Corrigendum.



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Date : 10.06.2022

Tender ID: VCS21000018

Project : NORTH EAST GAS GRID PHASE-III OF IGGL, ASSAM

Owner : INDRADHANUSH GAS GRID LIMITED (IGGL)



Sl. No	Discipline	Description	Page No.	Clause/ Para/ Section	Amendment/ Addition/Modification/Deletion	Details
10	Pipeline & Piping	Annexure-12, 13A & 14 to SCC	Page 362 to 365 of 1438 of Volume-I	Equipment Hiring/Recovery Rates (Annexure-12), List Of Equipment To Be Maintained During Extended Stay Period (Annexure-13A), List Of Manpower To Be Maintained During Extended Stay Period (Annexure-14).	Modification	Annexure-12, 13A & 14 provided in mentioned clauses (Page 362 to 365 of 1438) shall be replaced and read as specified in " Pipeline Attachment-9 " of this Corrigendum.
11	Pipeline & Piping	Vendor List	Page 720 to Page 774 and 1087 to Page1134 of Volume-I	Appendix-IX to Particular Job Specification of Work	Modification	Vendor List provided in mentioned clauses (Page 720 to Page 774 and Page 1087 to Page1134) shall be replaced and read as specified in " Pipeline Attachment-10 " of this Corrigendum.
12	Pipeline & Piping	Piping Material Specification	Page 489 of 1438 to Page 519 of 1438 of Volume-I	Volume I Of IV (C221052-00-PP-PMS-2001)	Modification	PMS provided in mentioned clauses/ page no's shall be replaced and read as specified in " Pipeline Attachment-11 " of this Corrigendum.
13	Pipeline & Piping	Data Sheet for Insulating Joint	Page 541 of 1438 to Page 547 of 1438 of (Appendix-II to Particular Job Specification) Volume-I, Sec VI, Sr No 11 Data sheets for Mechanical items	PJS, Appendix-II of Volume-I, Data sheet for Insulating Joint (C221052-00-PP-DS-2001)	Modification	Data sheet for Insulating Joint provided in mentioned clauses/ page nos shall be replaced and read as specified in " Pipeline Attachment-12 " of this Corrigendum.
14	Pipeline & Piping	Data Sheet for Bi-Directional Scraper Launcher / Receiver	Page 548 of 1438 to Page 553 of 1438 of (Appendix-II to Particular Job Specification) Volume-I, Sec VI, Sr No 11 Data sheets for Mechanical items	PJS, Appendix-II of Volume-I, Data sheet for Bi- Directional Scraper Launcher/ Receiver(C221052-00-PP-DS-2002)	Modification	Data sheet for Bi- Directional Scraper Launcher/ Receiver provided in mentioned clauses/ page nos shall be replaced and read as specified in " Pipeline Attachment-13 " of this Corrigendum. Process Data sheet for Pig Traps also has been added.
15	Pipeline & Piping	Data Sheet for Flow Tee	Page 558 of 1438 to Page 563 of 1438 of (Appendix-II to Particular Job Specification) Volume-I, Sec VI, Sr No 11 Data sheets for Mechanical items	PJS, Appendix-II of Volume-I, Data sheet for Flow Tee (C221052-00-PP-DS-2004)	Modification	Data sheet for Flow Tee provided in mentioned clauses/ page nos shall be replaced and read as specified in " Pipeline Attachment-14 " of this Corrigendum.
16	Pipeline & Piping	Data Sheet for Relief Valve	Page 567 of 1438 to Page 569 of 1438 of (Appendix-II to Particular Job Specification) Volume-I, Sec VI, Sr No 11 Data sheets for Mechanical items	PJS, Appendix-II of Volume-I, Data sheet for Relief Valve (C221052-00-PP-DS-2006)	Modification	Data sheet for Relief valve provided in mentioned clauses/ page nos shall be replaced and read as specified in " Pipeline Attachment-15 " of this Corrigendum.



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Sl. No	Discipline	Description	Page No.	Clause/ Para/ Section	Amendment/ Addition/ Modification/ Deletion	Details
17	Electrical	Fire fighting scope of work	--	Vol-I Annexure VI (Fire Fighting)	Addition	Fire fighting System scope of work doc no - C221052-00-FFS-SOW-4001 -C1 added as " Electrical Attachment-1 " of this Corrigendum
18	Electrical	Electrical scope of work	--	Vol I Annexure VII (Electrical Works)	Addition	11KV HT SYSTEM SCOPE OF WORK doc no- C221052-00-EL-SOW-4002 -C1 added as " Electrical Attachment-2 " of this Corrigendum)
19	I&C	Design Basis	930 of 1438 of Volume-I of IV	7.10 Packaged Equipments Document: C221052-00-IN-DB-5001	Deletion	Packaged Items namely, Metering Skid, Ultrasonic Flow Meter, Flow Computer, Gas Chromatograph, etc. have not been envisaged in In this Project and thereby not applicable for this project i.e. Phase -III. Hence this clause(7.10) & its sub-clauses (7.10.1 , 7.10.2, 7.10.3 & 7.10.4) shall be considered as deleted.
20	I&C	Datasheets for Field Instruments	955 of 1438 of Volume-I of IV	Complete Document: C221052-00-IN-DS-5001	Amendment	Instrument Tag Numbers have been provided in the respective Data Sheets as Annexure for each type of field instruments. Refer I&C Attachment-1.
21	I&C	Instrument Index	1009 of 1438 to 1019 of 1438 of Volume- I of IV	Document No.-C221052-DIPL-IN-IIX-5001 and C221052-SGPL-IN-IIX-5001	Addition	Quantities of RTD & Temperature Transmitters have been increased as per revised P&ID (Rev-C2) as mentioned above. (Tag Number : TE /TIT- 3401, TE/TIT- 4102, TE/TIT- 4103, TE/TIT-4602, TE/TIT-1002, TE/TIT-1602, TE/TIT-1603, TE/TIT- 2001). Quantities of Pressure Gauge have been changed as per revised PI&D (Rev-C2) as mentioned above. (Tag Number : Addition- PG 2008 and Deletion- PG-1004, PG-1003) Refer I&C Attachment-2.
22	I&C	IO List	987 of 1438 to 1003 of 1438 of Volume- I of IV	Document No.-C221052-00-IN-LST-5001 and C221052-00-IN-LST-5002	Addition	4 Nos. Analog Input (AI) Signals have been added for each Pipeline Sections due to increase in Quantity of Temperature Transmitters. Refer I&C Attachment-3.
23	I&C	Cable Schedule	1029 of 1438 to 1052 of 1438 of Volume- I of IV	Document No.- C221052-DIPL-IN-SCH-5001 and C221052-SGPL-IN-SCH-5002	Addition	Due to addition of 4 nos. Temperature Transmitters in DT, IP and RT (as mentioned in Sl. No.3 above), relevant Signal Cables from the Temp.Transmitters to the respective Junction Boxes in the field have been added in the Cable Schedule for both SGPL Section and DIPL Section. Refer I&C Attachment-4.
24	I&C	Instrumentation System Configuration Diagram	Volume- III of IV	Drawing No.-C221052-00-IN-LDG-5001	Addition	Instrumentation System Configuration Diagram has been provided for better understanding of the Instrumentation Control Philosophy. Refer I&C Attachment-5.
25	I&C	TIC Panel Technical Specifications	Volume- II of IV	Document No.-C221052-00-IN-SS-5001 Volume-II of IV	Addition	Technical Specification of the TIC Panel have been provided in the Corrigendum. Refer I&C Attachment-6



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Sl. No	Discipline	Description	Page No.	Clause/ Para/ Section	Amendment/ Addition/Modification/Deletion	Details		
26	Civil	Standard Drawing	page 481 & 483 of 557 of Volume III of IV	Details of Chain Link Fencing Drawing No. VCS-STD-CS-6002, Rev-03	Deletion /Addition	Details of Chain Link Fencing Drawing No. VCS-STD-CS-6002, Rev-03, shall be deleted. Typical Drawing of Chain Link Fencing Drawing No. - C221052-00-CS-DR-6001 has been added and same shall be considered Drawing attached as Civil Attachment -1		
27	Civil	SOR Civil	Page 3 of SOR Civil	CIV-4, ANTI TERMITE TREATMENT, NOTE (Applicable for All Spread)	Modification	"For Items (2a) TO (2d) CONTRACTOR shall give at least 10 years performance guarantee for anti termite treatment works" Shall be read as "For Items (4a) TO (4d) CONTRACTOR shall give at least 10 years performance guarantee for anti termite treatment works"		
28	-	Documents/Documentary Evidence required to be provided (upload in e-portal) by participating bidder along with the un-priced bid to qualify/ meet the requirements of BEC	16/366	Clause F of Section II of Commercial Tender Document	Modification	Clause (F)- A.2 (Documents/Documentary Evidence required) of Section II of Commercial Tender document shall be replaced and read as below:		
						BEC Clause No.	Description	Documents required for qualification
						A	Documents Required-Technical Criteria	
	A.2	Experience as consortium member/ JV member	(a) Same documents as mentioned in A.1 above. (b) Consortium / JV Agreement / MOU clearly defining the scope and responsibility. Note: The completion certificates / execution certificate shall have details like work order no., date, brief scope of work, completion date etc.					

Note:

1. All other terms & conditions of tender document shall remain unaltered.
2. All Addendum/Corrigendums issued, shall be integral part of tender document.
3. Bidder to submit signed & stamped copy of this Corrigendum along with their Un-Priced bid as a token of acceptance.