

CORRIGENDUM – 1
TENDER NO. – 110226E/JPK/GAIL/01-R0
DATE: 05.11.2009

Sr. No.	Page / Sheet No	Clause No	Section / Doc No	Subject	Addition / Deletion / Modification
1.		Format	IFB	Mill Capability Certification	Format A & B mentioned in Vol I of II is replaced by Format A & B attached with Corrigendum – 1.
2.	VOL I 23 and 24 of 233	Clause 11.6.2.1 / 11.6.3.1	ITB	Bid Prices	Shall be modified as below: “Ex-Warehouse price of coated pipes including, applicable taxes and duties etc. (such price to include transportation of bare pipes from pipe mill (s) / port of entry to coating facility, external coating of bare pipes (as applicable) including all costs as well as duties and taxes paid or payable on components and raw materials incorporated or to be incorporated in the goods, inland transportation including taxes, duties, levies etc., despatch of coated pipes to Vaghodia - GAIL Ware house, ED & ST / VAT applicable on finished goods, WCT, Service Tax etc. as applicable).
3.	VOL I 23 of 233	11.6.2.1 (a)	ITB	Alternative	New Point Added “Alternative 12 – Jangalpur, P.O - Argori, G.P.O. – Andul, Dist – Howrah, West Bengal”
4.	VOL I 27 of 233	13.0	Section II ITB	PERIOD OF VALIDITY OF BIDS	Bid Validity shall be valid for “3 months” instead of “4 months”.
5.	38 of 233	47.0	ITB	Expense of Demonstration	This clause stands deleted.
6.	VOL I 73 of 233	4.1	SCC	Seamless pipes Billets Vendor List	Bidder proposing skelp / coil / plate / billet manufacturer other than approved steel manufacturers have to submit the documentary evidence for Qualification of steel manufacturer as per Clause 4.3 of SCC GOODS.
7.	VOL I 74 of 233	4.3	Section III B SCC GOODS – OP 1 & 3		“Steel plate / coil “shall be read as” Steel plate / coil / billet”
8.	VOL I 78 of 233	21.0	Section III B SCC GOODS – OPT 1& 3	PRS	This clause shall be modified as “Pursuant to clause 26 of GCC-GOODS, in case of delay in delivery of specified item, the contract price shall be reduced by ½ % (half percent) of the total price of undelivered quantity of pipes for which delivery is delayed, per week of delay or part thereof subject to a maximum of 5% (five percent) of total Contract Price”
9.	VOL I 79 of 233	27.0	Section III B SCC GOODS – OPT 1& 3	Repeat Order	New Clause Added as “Repeat order shall be applicable upto 20% of the ordered quantity with in contractual delivery period or 6 months from the date of FOA, which ever is earlier”.

10.	VOL I 175 of 233	9.0	Section IV B SCC WORKS – OPT 2	PRS	This clause shall be modified as “Pursuant to clause 27 of GCC-WORKS, in case of delay in delivery of specified item, the contract price shall be reduced by ½ % (half percent) of the total price of undelivered quantity of pipes for which delivery is delayed, per week of delay or part thereof subject to a maximum of 5% (five percent) of total Contract Price”
11.	VOL I 198 of 233	Sr.2 (g)	Attachment – 1	Form F – 12	This serial No. stands deleted.
12.	VOL I 37& 174 of 233	43.0 / 5.0	Section II ITB / Section IV B SCC WORKS	Repeat Order	This clause shall be modified as “Repeat order shall be applicable upto 20% of the ordered quantity with in contractual delivery period or 6 months from the date of FOA, which ever is earlier”.
13.	VOL I Page 81 of 233	1.2 Option 3 Supply of Coated Line Pipes	Section III C Payment Terms	Terms of Payment	The clause 1.2 and it’s all sub clauses are replaced by Annexure – 1 of corrigendum - 1. Rest all clauses will remain un changed.
14.	VOL I Page 178 of 233	1.0 Terms of Payment	Section IV C Payment Terms	Terms of Payment	The clause 1.0 is replaced by Annexure – 2 of Corrigendum – 1. Rest all clauses will remain un changed.
15.	VOL I 187 of 233	F – 4	Attachment-I Forms & Format	Proforma for Bank Guarantee for Earnest Money Deposit / Bid Security	“6 Months” in 1 st line of 3 rd paragraph shall be read as “5 Months”
16.	Vol II of II Sheet 29 of 29	Appendix – 6	List of Approved Vendors		Corporation to be read as SK corporation. Necessary documents specifying the change of name to be submitted for review of Owner / Consultant. (if, applicable)
17.	Vol II of II	Clause No.2	Scope for Option 2 Coating & Transportation / Option 3 Supply of Coated Line Pipes	Additional Works for Option – 2 and Option – 3	The line Management and Maintenance of Storage yard” shall be replaced as below: “Coated line pipe has to be delivered at GAIL's Ware house -Vaghodia. Stacking of pipes at ware house includes unloading arrangement all other material required for stacking like sand bags/ Wooden sleepers etc shall be arranged by Bidder only. After handing over the pipes, maintenance & management of ware house is in GAIL's scope.”
18.				SOR	Against Option – 2 one more alternative is Attached as Alternative – 12 to SOR
19.				SOR	SOR for Repair of Bare Pipe included in Revised SOR Option - 2.

LINE PIPE MANUFACTURING MILL CAPABILITY CERTIFICATION

This is to certify that M/s _____ proposed plant's production line _____ has following manufacturing facilities to manufacture _____ (type of pipes) line pipes as per API 5L PSL2 or equivalent.

SL. No.	DESCRIPTION	Inspection Agency	
		OBSERVATION	REMARKS ON CONFORMITY
A	GENERAL INFORMATION		
1.0	Detailed description of Organization (Structure, number of Employees, facilities, equipments, etc.) concerning the following:		
1.1	Overall structure of Mill Organization		
1.2	Line Pipe production facilities and Capacity		
1.3	Testing Laboratories		
1.4	Quality Control/Quality Assurance (QA/QC): Type and location of the testing facility and step-by-step operations followed to achieve High quality product as per technical specifications		
1.5	Non-Destructive testing facilities		
1.6	Latest Audit certified documents performed during production by one of the International Inspection Agencies (as listed in SCC).		
2.0	Company has valid ISO 9001-2000 Certificate and established Quality manual.		
B	FABRICATION & INSPECTION PROCEDURES		
1.0	Give detailed description of the Fabrication Process to produce Line pipes as per technical documents		
1.1	Inspection of raw material (Plates/Coils/Billets)		
1.2	Forming of the plates / Coils / Billets		
1.3	De-coiling and Inspection		
1.4	Edge preparation		
1.5	Forming		
1.6	Welding		
1.7	Testing		
2.0	Following shall be certified for Mill capability :		
2.1	Inspection of raw material (Plates /Coils/ Billets) The machine shall have an inbuilt edge machining and Ultrasonic testing to test about 25mm width on both sides of the plate edges.		
2.2	Forming of the plates / Coils / Billets During Forming and welding the machine should have tracking system to control welding groove and edge offsets.		

2.3	Welding Pipe mill shall have a continuous tack welding arrangement for better dimensional control, minimum repairs and higher production. Weld procedure qualified shall ensure testing of Impact at -20° C for Weld and HAZ.		
2.4	Inspection & Testing		
	Type and location of the testing facility and step-by-step operations followed to achieve High quality product as per technical specifications.		
	List of all relevant NDT procedures (including Acceptance criteria)		
	List of NDT qualified personnel with valid ASTN-1A certificates for Level III and Level II operators.		
	Ultrasonic machines being used should ensure tracking of weld seam during testing and representing defects on a printout.		
	All instruments used shall have a valid calibration certificates.		
	Capability of mill and procedure followed to produce pipes within technical specifications with special attention to clause number 9.11 of TS.		
	HSAW mill shall ensure, prove and establish adequate methodology that the residual stresses are within acceptable limits (at least equal to cold expanded pipes).		
	Capability of Mill and procedure followed to perform impact test at -20/0 Deg.C as per technical document requirements.		
	Work Instructions and approved procedures to be displayed at each and every work centres for ready reference.		
	ERW mill shall have the facilities, controls, and recording facility for welder frequency, online seam annealing, current & voltage.		
	Various procedures established shall have approval from International Inspection agencies as listed in SCC		

Overall Acceptability:

ACCEPTABLE / NOT ACCEPTABLE

For & On behalf of

Signature
Name
Designation
Agency's name & Seal

Note: All pages of this report (Format A) shall be signed and stamped by the agency.

LINE PIPE COATING CAPABILITY CERTIFICATION

This is to certify that M/s _____ reference plant's production line _____ has following coating facilities to carryout 3LPE external coating of Bare line pipes as per Tender specifications:

SL. No.	DESCRIPTION	GAIL or its authorized representative	
		OBSERVATION	REMARKS ON CONFORMITY
1	BASE MATERIAL		
1.1	Identification		
1.2	Review of the manufacturer's certificates (EN 10204—3.1B)		
1.3	Raw material testing (Batch wise) at vendors laboratory.		
2	SURFACE PREPARATION		
2.1	Preheating before abrasive blasting.		
2.2	Phosphoric acid treatment.		
2.3	PH of pipe surface after phosphoric acid wash.		
2.4	Salt contamination check before second abrasive blasting.		
2.5	Anchor pattern and degree of cleaned surface & degree of dust after second blasting.		
3	COATING		
3.1	Temperature of pipe before chromate application and visual application.		
3.2	Temperature of pipe before application.		
3.3	Temperature of PE, adhesive, Epoxy.		
3.4	Epoxy /Adhesive /PE film thickness.		
3.5	Total coating thickness.		

4	INSPECTION & TESTING		
4.1	Holiday testing.		
4.2	Cathodic disbondment.		
4.3	Dimensional check (cut back on both ends of the pipe).		
4.4	Final visual inspection + bond strength + Impact test etc.		
5	Documentation & final certification.		

Overall Acceptability:

ACCEPTABLE / NOT ACCEPTABLE

For & On behalf of

Signature
 Name
 Designation
 Agency's name & Seal

1 Option 3: (Supply of Coated Line Pipes)

1.1 Indian Bidder:

1.1.1 100% of CENVATable / VATable Invoice value will be paid progressively against receipt and acceptance of coated pipes at warehouse by Purchaser after adjustment against PRS and against submission of invoice in triplicate along with:

- i) Inspection release note by Purchaser/Consultant.
- ii) GR/LR.
- iii) Packing List
- iv) Proof of customs clearance including payment of customs duty on raw material for imports permitted in the contract.
- v) Final technical documents if any, as specified in PR.
- vi) Documents as specified in the Technical Specifications/ Material Requisition, Volume II of II of the Bid Document.

1.1.2 The payments to the Supplier will be released within a period of 30 days from the date of receipt of the complete invoice duly certified by Purchaser/Consultant as per the terms and conditions of the Contract.

1.2 For Foreign Bidders (supply of imported bare pipes with coating at their plant re-located in India)

1.2.2 100% of the Invoice value will be paid progressively through irrevocable LC in terms of clause No. 3.2 of Section III C (Payment Terms) against receipt and acceptance of coated pipes at warehouse by Purchaser after adjustment against PRS and against submission of invoice in triplicate along with:

- i) Invoice in triplicate
- ii) Inspection Release note issued by Purchaser/ Consultant.
- iii) Clean Bill of Lading for Bare pipe.
- iv) Packing List duly endorsed by Owner / Consultant indicating receipt and acceptance of material at storage yard.
- v) Country of origin certificate Bare Pipe.
- vi) Documents as specified in the Technical Specifications/ Material Requisition, Volume-II of II of the Bid Document.

Import Duties (Customs Duty & Cess) on bare pipes shall be paid directly by the Purchaser (GAIL) to Indian Customs Authority. The Customs and Port clearance and transportation of Pipes in India shall be undertaken by the Foreign Bidder. The responsibility for transportation of Pipes directly from Indian Port to Coating Plant and from the Coating Plant to Warehouses for the coated Pipes shall be with the Foreign Bidder.

Responsibility of safe custody of Pipes while undertaking customs clearance; transportation etc. shall be with foreign bidder. Foreign Bidder shall indemnify GAIL against any losses of or damage to misuses or misappropriation whatsoever of Purchaser's Pipes while in possession of them. Foreign Bidder shall take adequate precautions for safe custody of Purchaser's Pipes including its insurance while in their possession.

Bare line pipes shall be consigned in the name of GAIL. Indian customs duty applicable on the import of bare line pipes shall be paid by GAIL and the cost of the same shall not be included in the quoted prices.

1.3 Foreign Bidder (supply of coated pipes from overseas):

1.3.1 100% of the Invoice value will be paid progressively through irrevocable LC in terms of clause No. 3.2 of Section III C (Payment Terms) against receipt and acceptance of coated pipes at warehouse by Purchaser after adjustment against PRS and against submission of invoice in triplicate along with:

- i) Invoice in triplicate
- ii) Inspection Release note issued by Purchaser/ Consultant.
- iii) Clean Bill of Lading for Coated pipe.
- iv) Packing List duly endorsed by Owner / Consultant indicating receipt and acceptance of material at storage yard.
- v) Country of origin certificate Coated Pipe.
- vi) Documents as specified in the Technical Specifications/ Material Requisition, Volume-II of II of the Bid Document.

Import Duties (Customs Duty & Cess) on coated pipes shall be paid directly by the Purchaser (GAIL) to Indian Customs Authority. The Customs and Port clearance and transportation of Pipes in India shall be undertaken by the Foreign Bidder. The responsibility for transportation of Coated Pipes directly from Indian Port to GAIL's ware house shall be with the Foreign Bidder.

Responsibility of safe custody of Pipes while undertaking customs clearance; transportation etc. shall be with foreign bidder. Foreign Bidder shall indemnify GAIL against any losses of or damage to misuses or misappropriation whatsoever of Purchaser's Pipes while in possession of them. Foreign Bidder shall take adequate precautions for safe custody of Purchaser's Pipes including its insurance while in their possession.

Coated line pipes shall be consigned in the name of GAIL. Indian customs duty applicable on the import of bare line pipes shall be paid by GAIL and the cost of the same shall not be included in the quoted prices.

1. **TERMS OF PAYMENT**

1.1 **OPTION 2: (Taking over Bare Pipes from Pipe Suppliers on Port / FOT basis, Coating, Transportation, etc.)**

1.1.1 **Indian / Foreign Bidder:**

1.1.1.1 100% of CENVATable/ VATable Invoice value will be paid progressively against receipt and acceptance of Coated pipes at Warehouse by Purchaser / Consultant after adjustment PRS, if applicable, and against submission of invoice in triplicate along with

- (i) Purchaser/Consultant's Inspection Release Note
- (ii) Packing List duly endorsed by Purchaser indicating receipt and acceptance of the material at Warehouse
- (iii) GR / LR
- (iv) Proof of customs clearance including payment of customs duty on raw material for imports permitted in the contract and
- (v) Indemnity Bond for the total price of the delivered item including cost of bare pipes, as per format given in GCC - Works. The bond shall be valid till handing over of last pipe to GAIL's warehouse.
- (vi) Documents as specified in the Technical Specifications/ Material Requisition, Volume-II of II of the Bid Document.

1.1.1.2 The payments to the Supplier will be released within a period of 30 days from the date of receipt of the complete invoice duly certified by Purchaser / Consultant as per the terms and conditions of the Contract.

Queries of All Bidders

Procurement of Carbon Steel Pipes Bare / Coating / Coated Line pipes for Inventory Creation Project				
Tender No - 110226E/JPK/GAIL/01-R0				
Replies to Bidders Queries				
Sr No	Section Detail	Section/Description	Bidder Queries	JPK/ GAIL-Replies to Bidder's Queries
1	Clause no 9.3 Tensile Properties	Permissible Y.S. in excess of SMYS = 152 mpa X-52 and above	We will supply the Y.S. limit as applicable as per API 5L Latest Edition.	Tender Conditions prevail.
2	Clause no 9.4.3 Test Pressure	The test pressure for all sizes and grades of pipe shall be such that hoop stress generated at least 95 % of SMYS	End correction factor will be applicable as per Clause no 10.2.6.6 & 10.2.6.7 API-5L if hoop stress at least 95 % of SMYS	Pressure calculations shall be as per the formula defined in the CI 10.2.6.6. Keeping a test pressure such that hoop stress generated is atleast 95% of SMYS.
3	Clause no 9.11.3.4 Straightness	The deviation from straight line for all diameter shall not exceed 12 mm	Straightness will be as per API-5L (44th edition)	Tender Conditions prevail.
4	Clause No.9.4 Hydrostatic Test	Test pressure shall be held for a minimum period of 15 seconds	We request to allow for 5 seconds. However we will do some pipes for 15 seconds.	Tender Conditions prevail.
5	Clause No.9.4.3 Test Pressure	The test pressure for all sizes shall be 95% of SMYS	We request to kindly consider the same 80% of SMYS	Tender Conditions prevail.
6	Clause No.9.4.4 Brust Test	Brust test shall be done on each type of pipe for each size	Brust test shall not be applicable for seamless pipes.	Tender Conditions prevail.
7	Clause No.9.11 Dimensions, Mass & Tolerance	Length- All pipes shall be supplied with length between 11.5m and 12.5m Wall Thickness- The tolerance on specified wall thickness shall be (+)10% and Zero negative tolerance. The wall thickness of every pipe shall be checked along the circumference at both ends of pipe body at 12,3,6 and 9 0' clock positions.	We request to accept pipes length between of 10m to 12.5m For seamless pipes it is difficult to maintain tolerance of +/- 10% we request to kindly allow (+)20% with no zero negative tolerance. As per API it is (-)12.5% & (+) 15%. Wall thickness of all the pipes shall be checked during non-destructive testing by ultrasonic wall monitor installed with NDT system but the actual wall thickness shall not be recorded. However it will show Minimum & Max. wall thickness.	Tender Conditions prevail.
8	Clause No. 10.2.1 Specific Inspection	Product Analysis- Two pipes per heat. Tensile Test- Test shall be made at the frequency of two pipe per lot of 100 pipes.	Pl. consider one pipe per heat. We request to accept one pipe per heat.	Tender Conditions prevail.
9	Clause No.10.2.9 Weighing.	The length of pipe shall be weighed individually.	We shall mention the standard weight of pipe.	Standard weight of pipe is acceptable.
10	Clause No.E 3.3 Pipe end Inspection	The portion at the pipe end that is not covered by the automated inspection system shall be inspected for defects by the manual or semi automatic ultrasonic angle beam method or the magnetic particle method.	The pipe ends which are not covered in automatic full body EMI testing, shall be tested by MPI (Wet) method.	Bidder's understanding is correct.
11	Clause No 6.1.1.1 of Section III B SCC Goods Delivery of Bare Pipes	Progressive delivery in weeks from date of FOA 6 th -10 th week	The period of delivery is too short for arranging steel and manufacturing of pipes. We request to consider the same as 10 to 14 weeks from the date of FOA.	Tender Conditions prevail.
12	Clause No 6.1.1.1 of Section IV B SCC Works Delivery of Coating of Bare Pipes	Progressive delivery in weeks from date of FOA 4 th -6 th week	The period of delivery is too short for transportation of bare pipe from pipe manufacturer/port coating of pipes and transportation upto warehouse. Considering the transit time the actual time for coating of bare pipes is very short. We request to consider the same as 6 to 10 weeks from the date of FOA.	Tender Conditions prevail.
13	Clause No 27 of Section IV A GCC Works Price Reduction Schedule.	In case of delay total contract price shall be reduced by ½% per week subject to Max.of 5%	The price should be reduced for the value of undelivered quantity only.	Refer for corrigendum - 1

Queries of All Bidders

Procurement of Carbon Steel Pipes Bare / Coating / Coated Line pipes for Inventory Creation Project				
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Sr No	Section Detail	Section/Description	Bidder Queries	JPK/ GAIL-Replies to Bidder's Queries
14	Clause No.4.1 of Section III B SCC-Goods Procurement of Steel Plates/Coils	Steel plates/ Coil manufactures names are provided.	We intent to supply Seamless pipes for which names of approved Billets manufacturers are not given .Kindly provide	Refer for corrigendum - 1
15	Clause No.4.2 i) of Section III B SCC-Goods Procurement of Steel Plates/Coils	A letter of commitment from minimum two of the above mentioned manufacturers for supply of plates / coils required.	Since the quantity is very small we request to consider the commitment letter from only one steel supplier.	Tender Conditions prevail.
16	Clause No.2 of Vol II of II Scope of Work for Option 2 Coating & Transportation / Option 3 Coated Line Pipe	Supplier has to made arrangement of maintenance of Storage Yard. Under additional works for Option -2 and 3 Management and maintenance of storage yard in the scope of supplier.	As per clause 11.6.2.1ofsection II ITB Vol I of II the pipes to be delivered at Gail Ware House –Vaghodia. Kindly clarify under whose scope maintenance & management of ware house is? We understand that the stacking of pipes at ware house includes only unloading arrangement all other material required for stacking like sand bags/ Wooden sleepers etc shall be arranged by Gail only.	Refer for corrigendum - 1
17	Clause 9.8	Impact Test for pipe weld, HAZ and Body	The extraction of samples in transverse orientation for weld, HAZ and Body is neither applicable nor feasible for size 6" as per API 5L Table 22 (Page 56) due to size and thickness constraint. However, we shall do the testing for body in longitudinal direction. Hence it may be waived off.	Impact Test is a mandatory requirement & if carried out at longitudinal direction then the values have to be factored accordingly.
18	Clause 9.11.2	"Mass per Unit length"	Please provide tolerances of MASS.	Tolerance in mass per unit length is not applicable as tolerance on the thickness in diameter is already specified.
19	Clause 9.12.5.4(b)	for the weld seam of welded pipes 7 degree	We understand that this clause is not applicable for ERW pipes.	Bidder understanding is correct.
20	Clause 10.1.3 (g),	Clause 13, Appendix I, Annexure E E2(f)	Radiological, Image quality indicator, guided bend test, radiographic image for pipe inspection, Repair welding procedure, WPS, PQR/WPQT, Method of Weld defect removal, full details of radiographic testing equipments including radiographic film, peaking, radiographic, Welding procedure specification including the details of welding process, brand name, classification, size and grade of filler metal and flux, speed of welding, no. of electrodes and polarity of each electrode, welding current and voltage for each wire, edge preparation, tack welding method and spacing of tack weld, details of seam tracking system for both inside and outside welding, method of checking the set up of the system, limits of external and internal weld reinforcement etc. shall not applicable for ERW pipes. Please confirm the same.	Random radiography (wherever required) is included in the scope of bidder.
21	Clause 8.1	Third Party Inspection shall be carried out steel mill to carry out the tests	We understand that you are asking for raw material inspection at raw material manufacturer's Works. Kindly provide scope of inspection and confirm who will bear the inspection charges of TPIA.	Inspection shall be carried out by Owner / Owner's representative at pipe mill only. However Owner reserves the right to carry out Inspection at steel mill without any additional financial implication.

Queries of All Bidders

Procurement of Carbon Steel Pipes Bare / Coating / Coated Line pipes for Inventory Creation Project				
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Replies to Bidders Queries				
Sr No	Section Detail	Section/Description	Bidder Queries	JPK/ GAIL-Replies to Bidder's Queries
22	Clause 13.2	The line pipe data shall be provided in ASCII format in CD/DVD	We shall provide our almost documents in pdf (portable document format). Within text strings characters are shown using character codes (integers) that map to glyphs in the current font using an encoding. Out of the different built-in encodings, WinAnsi, which is derived from the historical properties of the Windows operating systems, fonts using these encodings work equally well on any platform. The encoding mechanisms in PDF were designed for Type 1 fonts, and the rules for applying them to TrueType fonts are complex.	Documents to be submitted in portable document format in CD/DVD. However packing list shall be provided in xls format also.
23	Clause 9.4.4	Burst Test	Being small quantity of sizes OD 219.1 mm x 6.4 mm WT – 6000 Mtrs and OD 323.9 mm x 6.4 mm WT – 5000 Mtrs, burst test may be waived off. However, Burst Test shall be carried out for size 168.3 mm OD x 6.40 mm WT.	Tender conditions prevail.
24	Volume II of II Technical	Appendix II (New) First day production	First Day Production for sizes OD 219.1 mm x 6.4 mm WT – 6000 Mtrs, OD 323.9 mm x 6.4 mm WT – 5000 Mtrs and OD 323.9 mm x 8.7 mm WT – 1000 Mtrs may be waived off as the quantity of these sizes are very small. However, first day production shall be carried out for size 168.3 mm OD x 6.40 mm WT.	Tender conditions prevail.
25	Clause 9.9	DWT Test for PSL 2 welded pipes.	We understand that above test is not applicable for this tender due to size constraint. This test is applicable for size > =20" as per API 5L, Table 18. Kindly confirm the same.	Bidder's understanding is correct.
26	Clause 9.14	Appendix II (new) d, "Weldability Test	We are manufacturer of ERW Pipes, in this process no filler material is used. Hence, we do not have qualified welders and necessary equipments to carry out this test. However, we shall ensure reasonable level of carbon equivalent in the raw material to ensure good weldability of our pipes. Thus, it may be waived off as the same has to be carried out by the pipe laying contractor.	Tender conditions prevail.
27	Clause 9.14	Appendix I, Ultrasonic testing of plates / skelp and pipes for lamination	Your spec. main clause does not ask for ultrasonic testing of plates/skelp for lamination. However, in Appendix I, says ultrasonic testing of plates / skelp and pipes for lamination Please clarify whether it is applicable or not. If it is applicable, then we shall do pipe body UT for lamination (after hydro testing). The reference standard for pipe body UT for lamination shall have circumferential slot of 8 mm width x ½ T depth (T = specified thickness of pipe). Moreover, your technical spec. clause No.E.5.2.6.1 refers for acceptance limit of pipe body is Level B4 of BS:5996:1993. However, clause E.8 refers Level B.3 of ISO:10124 1994. Kindly clarify which one shall be followed.	UT for pipe body / plates skelp is a mandatory requirement. Acceptable limit of pipe body shall be as per Cl. E.8 of Technical specifications.

Queries of All Bidders

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Sr No	Section Detail	Section/Description	Bidder Queries	JPK/ GAIL-Replies to Bidder's Queries
28	Clause 13 of ITB	Period of validity of Bid	The Bid validity period should be 2 months instead of 4 months as steel prices are very volatile these days and no steel suppliers are ready to give the prices valid for longer period. This will facilitate us to submit competitive quote without keeping unnecessary cushion of future increase in raw material prices for a longer period.	Refer Corrigendum - 1
29	Clause 43 of IFB	Repeat Order	You have mentioned that "Repeat Order shall be applicable upto 50% of the order quantity within contractual delivery period or 6 months from the date of FOA. We wish to inform you that steel prices are fluctuating every month. Hence it is not viable to accept the repeat order clause. We request you to please delete the same OR freeze the final quantity at the time of placement of order.	Refer Corrigendum - 1
30	Clause 26.1.1	Price reduction schedule for delayed delivery	In case of delay in delivery of equipment/materials or delay in completion, total contract price shall be reduced by ½% of the total contract price per complete week of delay or part thereof subject to a maximum of 5% of the total contract price. Please amend the same as "½% per week of undelivered portion of the pipes and upto maximum 5% of the basic order value.	Refer Corrigendum - 1
31	Clause 13 of SCC - goods	Recovery on failure of pipes under field hydro test	During field hydro testing, if pipe fails, Rs.11 lakh per pipe shall be charged which is too exorbitant. Maximum amount should be Rs. 3 lakh instead of Rs.11 lakh. This amendment will help us to submit the competitive price without taking any extra price cushion on this account.	Tender Conditions prevail.
32	Clause 1	Terms of payment of Section 3C – Option 1	You have mentioned that 100% invoice value will be paid progressively after adjustment against PRS and submission of Invoice with a period of 30 days. Please amend the terms of payment as 100% payment within 10 days after submission of invoice and handed over of pipes to coating contractor.	Tender Conditions prevail.
33	Clause 6	Delivery Schedule of SCC Goods – Option 1 Bare Pipes	In the tender documents, delivery period is mentioned as 6 - 10 weeks from the date of FOA. The delivery period is to be allowed at least 14 - 16 weeks from the date of receipt of detailed PO complete in all respects based on the following: i) Procurement of raw material takes at least 8 weeks. ii) After receipt of material, production and inspection etc. takes around 6 weeks.	Tender Conditions prevail.
34	Vol I OF II Commercial	Format A from a reputed International Inspection agency	We request you to kindly provide us the correct/revised 'Format A' for LINE PIPE MANUFACTURING MILL CAPABILITY CERTIFICATION and provide us suitable time period for getting our mill certified from a reputed inspection agency as per revised Format – A which will be provided by your good selves.	Refer Corrigendum - 1

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Replies to Bidders Queries				
Sr No	Section Detail	Section/Description	Bidder Queries	JPK/ GAIL-Replies to Bidder's Queries
35	Volume II of II - Appendix 6, List of Approved vendors	Coating material manufacturers	Only 'Corporation' is given as one of the manufacturers of adhesive. We presume that this is a typographical error and should be read as SK Corporation. As per our information, the name of SK Corporation has been changed to Hyundai Engineering Plastics Co. Please let us know whether we can procure material from Hyundai Engineering Plastics Co.	Corporation to be read as SK corporation. Necessary documents specifying the change of name to be submitted for review of Owner / Consultant.
36	Volume II of II - Document no. 11-0226E-01-07-09-001 rev 2, sheet 3 of 7	Arrangement and maintenance of Storage Yards	As per Section IV B SCC works, page 2 of 5, point no. 1.1, the definition of Warehouse is a place hired / owned by GAIL..... coated pipes. Please let us know what is meant by "arrangement & maintenance".	Refer SI No. 16 above
37	Volume II of II - Document no. 11-0226E-01-07-09-001 rev 2, sheet 3 of 7	Arrangement and maintenance of Storage Yards	We understand that the facility of warehouse is the responsibility of the OWNER and that the stacking and arrangement of pipes in the warehouse provided by the OWNER is in our scope. Please let us know if our understanding is correct.	Refer SI No. 16 above
38	Volume II of II - Document no. 11-0226E-01-07-09-001 rev 2, sheet 3 of 7	Arrangement and maintenance of Storage Yards	We also construe that the OWNER will provide with a developed warehouse equipped with lifting / shifting equipments and tools and tackles. Please let us know whether the same is correct and we need not have to arrange for equipments for lifting and shifting along with other tools and tackles. We would however be arranging for material for stacking.	Refer SI No. 16 above
39	1.1 of IFB Page 3 of 233 (Vol.-I)	Submission of Part-I (un-priced bid)	As per this clause it is mentioned that "one hard copy of unpriced bid has to be submitted". Whereas as per 6.3 of IFB hard copy of unpriced bid is not required to be submitted. Hence, please confirm whether one hard copy of unpriced bid has to be submitted in physical or not.	Hard copy of unpriced bid is not required.
40	11.6.2.1 & 11.6.3.1 and 11.6.2.2.8 & 11.6.3.2.6 of ITB Page 23, 24 & 25 of 233 (Vol.-I)	Prices for options-2 and 3	As per clause 11.6.2.2.8 and 11.6.3.2.6, we have noted that "Octroi / Entry Tax if applicable on coated pipes shall be reimbursed at actual by GAIL on submission of documentary evidence". However, as per clause 11.6.2.1 and 11.6.3.1, prices to be inclusive ofOctroi / Entry Tax" which is contradictory. Hence, request for necessary corrections in these clauses accordingly.	Refer Corrigendum - 1

Queries of All Bidders

Procurement of Carbon Steel Pipes Bare / Coating / Coated Line pipes for Inventory Creation Project				
Tender No - 110226E/JPK/GAIL/01-R0				
Replies to Bidders Queries				
Sr No	Section Detail	Section/Description	Bidder Queries	JPK/ GAIL-Replies to Bidder's Queries
41	11.6.2 and 11.6.3 of ITB And scope of work as per Vol.-II Page 23, 24 & 25 of 233 (Vol.-I) and 3 of 7 of scope of work (Vol.-II)	Scope of supply for options-2 & 3	Please per scope of work of Vol.-II, arrangement & maintenance of storage yard is in the scope of supplier. Whereas, as per relevant clause of ITB, supplier's scope includes unloading of pipes at GAIL storage yard only. Hence, please confirm whether supplier needs to arrange for and maintain land for the storage yard at Vaghodia. Also, please confirm whether equipment & material required for unloading & stacking of coated pipes at Vaghodia site shall be arranged by the supplier or by GAIL.	Refer SI No. 16 above
42	13 of ITB Page 27 of 233 (Vol.-I)	Period of validity of bids	Considering the uncertainty prevailing in the steel market worldwide, we request for bid validity of maximum 3 months in line with the previous tenders of GAIL.	Refer Corrigendum - 1
43	1.2.3 of IFB and SCC Page 2 of 233 (Vol.-I)	Delivery Period	Considering the lead time of 8 – 10 weeks required for procurement of API grade Coils and delivery period specified for all the items, the delivery schedule given is inadequate. Also, for Option – 2, the delivery schedule allowed to complete the scope of work of lifting the bare pipes, coating & delivering coated pipes is insufficient. Hence, we request for enhancement of delivery schedule for all the options by at least 6 – 8 weeks.	Tender Conditions prevail.
44	4.0 of SCC-Goods / Page no 73 of 233 (Vol.-I)	Procurement of Steel Plates / Coils	We have noted the list of approved steel plate / coil manufacturers. However, there are other steel suppliers capable of supplying steel conforming to the tender requirements and were approved in the recent tenders of GAIL. Hence, we request that such suppliers like Nippon (Japan), JSW, TISCO (China) etc. may also be included in the approved list.	Bidder proposing skelp / coil / plate / billet manufacturer other than approved steel manufacturers have to submit the documentary evidence for Qualificatiuon of steel manufacturer as per Cl 4.3 of SCC GOODS.
45	-	-	We request you to confirm whether one hard copy of the Unpriced Bid are also to be submitted or not.	Not required except document mentioned in Cl 6.3 of IFB.
46	Clause No 9 of Vol I of II	SCC Works	We request you to allow PRS as 1/2% per week of delay on undelivered portion of Pipes subject to a maximum of 5% of total Contract price.	Refer Corrigendum - 1
47	Clause No 2 , Vol II of II	Scope of Work	We request you to confirm whether management and maintainence of storage yard is also in the scope of bidder.	Refer Point 16 above
48	Clause No.12.3.3 Vol II of II	Specification	It is mentioned that "The ends of the coating shall be beveled 30 to 45°, or as required by the field joint manufacturer."Please note that we propose the coating shall be beveled at 10° to 20° as it is the better angle for field joint coating.	Tender Conditions prevail.

Queries of All Bidders

Procurement of Carbon Steel Pipes Bare / Coating / Coated Line pipes for Inventory Creation Project				
Tender No - 110226E/JPK/GAIL/01-R0				
Replies to Bidders Queries				
Sr No	Section Detail	Section/Description	Bidder Queries	JPK/ GAIL-Replies to Bidder's Queries
49	Clause no. 11.4.4 Vol II of II	Specification	It is mentioned that "High pressure water rinse at 500 psi to 1000 psi (35 Bar to 67 Bar) will be used to remove any treatment residue. A minimum of 22 gallons of fresh water per 100 square feet of pipe surface should be used (10 L/m2). The wetted surface of the rinsed pipe shall have a pH of 6 or greater. Water must be potable with less than 200 ppm total dissolved solids and 50 ppm chlorides."Please note that as per phosphoric acid supplier recommendation after phosphoric acid treatment high pressure water wash @ 1 -2 L / m2 water flow rate is required, so we will follow manufacturer recommendation.	Manufacture's recommendation shall be submitted for Owner / Consultant's review.
50	As per Cl. No. 13.10 Vol II of II	Appendix 2, Cathodic disbondment test:-	The required test frequency of 48 hours C. D test @ 60°C is 1st, Last & 1 in every 350 pipes, but , we proposed the frequency of CD test is one in 15 days or every batch of epoxy powder which is more frequent.	Tender Conditions prevail.
51	As per Cl. No. 13.10 Vol II of II	Appendix 2, Cathodic disbondment test:-	Cathodic disbondment test on FBE Coated pipe is also to be conducted same as in (FBE+Adhesive+PE) Coated pipes, which causes the frequent stoppage of 3LPE operation so it is not possible to coat pipe with single layer FBE in running production.	Tender Conditions prevail.