



**CORRIGENDUM 1 (TECHNO-COMMERCIAL) APPLICABLE TO COATED LINE
PIPE TENDER**

TENDER DOCUMENT NUMBER :- 11/0269/WGI/AGL/01-R0

DATE :- 13.03.09

S.NO.	CLAUSE NUMBER	BIDDER'S QUERY & CLARIFICATIONS	WGI/AGL'S CLARIFICATION
1.	Clause No. 9.3-Tensile properties (Page 21 of 94 of Vol. II of II Technical).	We propose for API 5L i.e. yield strength shall not exceed 450 Mpa. (For grade B) and 495Mpa. (For grade X42).	No deviations acceptable. Tender conditions prevail.
2.	Clause No. 9.3-'Tensile properties' (Page 21 of 94 of Vol. II of II Technical).	We propose for ratio of body yield strength and body ultimate tensile strength shall not exceed 0.90 (For transverse specimen) and 0.93 (for longitudinal specimen).	No deviations acceptable. Tender conditions prevail.
3.	Clause No. 9.11.3.4-'Tolerance for straightness' (Page 26 of 94 of Vol. II of II Technical).	The deviation from straight line for each pipe length shall not exceed 1mm per meter length of pipe but maximum 12mm. We propose for 4" OD pipe size as per API i.e. 0.2 % of pipe length.	No deviations acceptable. Tender conditions prevail.
4.	Clause No. 9.15 - 'Weldability of PSL 2 Pipe' (Page 27 of 94 of Vol. II of II Technical).	Weldability test shall be performed at site by EPC contractor.	No deviations acceptable. Tender conditions prevail. Bidder to arrange for this test before dispatching to site.
5.	Clause No. 9.3-'Tensile properties' (Page 21 of 94 of Vol. II of II Technical).	Upper limit of yield strength shall be 495 Mpa for 114.3 mm OD because in this size samples shall be taken from longitudinal orientation to the pipe axis even in grade B upper limit of yield strength shall also be applicable for 495 Mpa as per table 7 of API 5L.	No deviations acceptable. Tender conditions prevail.
6.	Clause No. 9.4.3- 'Burst Test' (Page 22 of 94 of Vol. II of II Technical).	We understand above is given for Clause 9.4.2 (New) 'Verification of Hydrostatic Test' pressure for each pipe length and Burst test which is mentioned against Clause 9.4.3 is not applicable in this technical spec.	Bidder shall submit relevant records pertaining to burst test for Owner/Owner's representative review.

7.	Clause No. 9.8- 'CVN impact tests for PSL 2' (Page 23 of 94 of Vol. II of II Technical).	Regarding Impact Test, please refer Table 22 (Page 56) of API specification under the heading "Relationship between pipe dimension and required Charpy specimen" wherein Impact Test is recommended for pipe thickness greater than 10.1 mm for size 114.3 mm OD and thickness > 6.5 mm for size 273.1 mm OD from body only. But our thickness is less than this. Hence the Charpy Impact Test is not applicable. This is already mentioned in Clause 10.2.1.2 'Inspection frequency for PSL 2 pipes' in your technical specn.	Charpy V Notch test is required for 273.1 mm (10.75 inch.) OD pipe having 6.4 mm wall thickness whereas for 114.3 mm (4.5 inch.) OD pipe having same wall thickness charpy V notch test is not needed.
8.	Clause No. 9.9- 'DWT test for PSL 2 pipe' (Page 23 of 94 of Vol. II of II Technical).	We understand that this test is applicable for size 508 mm OD and above. This is already mentioned in Clause 10.2.1.2 'Inspection frequency for PSL 2 pipes' in your technical specn.	Accepted. DWT test is applicable for pipe sizes \geq 508 mm.
9.	Clause No. 9.11- 'Dimensions, Mass and tolerance' (Page 24 of 94 of Vol. II of II Technical).	'The tolerances on specified wall thickness shall be (+) 10 % and (-) 5. API Spec 5L Table 11 stands modified accordingly.' We understand -5 means -5% of specified wall thickness.	The following clause to be read as :- 'The tolerances on specified wall thickness shall be (+) 10 % and (-) 5 %. API Spec 5L Table 11 stands modified accordingly.'
10.	Clause No. 9.15- 'Weldability of PSL 2 pipe' (Page 27 of 94 of Vol. II of II Technical).	All arrangements such as qualified welders, equipments, procedures, consumables for Weldability test shall be arranged by the client at our Works during first day production since we do not have facilities for carry out weldability test.	Bidder shall arrange for all the equipments, procedures, consumables necessary for performing weldability test. No deviations acceptable. Tender conditions prevail.
11.	Clause No. 13- 'Retention of records' (Page 33 of 94 of Vol. II of II Technical).	Guided Bend Tests, DWT Tests, Radiography images for pipe inspection, Radiography images for jointer welds and Repair welding procedure. Above mentioned are not applicable for ERW Pipes.	Bidder shall furnish records for radiography images. Rest of the records need not be maintained for ERW manufacturers as per the sizes tendered for.
12.	Clause No. 13.2 - ' Line pipe tracking data' (Page 34 of 94 of Vol. II of II Technical).	Date of Plate We are ERW pipe manufacturer and in this process plate is not being used. We are using HR Coils for making of pipes and we shall provide pipe manufacturing date. Not date of plate.	Accepted.

13.	Acceptance criteria(BQC) Annexure-1 to IFB	We request you to consider our past track record of supply -12" OD x 6.4 mm API 5L Gr.46 PSL-1 as acceptance criteria against this tender.	No deviations acceptable. Tender conditions prevail.
14.	Clause No. 9.11.3.4- 'Tolerance for straightness' (Page 26 of 94 of Vol. II of II Technical).	The deviation from straight line for each pipe length shall not exceed 1mm per meter length of pipe but maximum 12mm. The straightness tolerance shall be 0.2 % of pipe length as per API 5L.	No deviations acceptable. Tender conditions prevail.
15.	Clause No. 9.3- 'Tensile properties' (Page 21 of 94 of Vol. II of II Technical).	The actual yield strength shall be as close as possible to the specified minimum yield strength (SMYS). Mechanical properties shall be as per API 5L forty fourth edition.	No deviations acceptable. Tender conditions prevail.
16.	Clause No. 9.15- 'Weldability of PSL 2 Pipe' (Page 27 of 94 of Vol. II of II Technical).	Weldability shall be conducted at pipe mill on first day's production. For ERW pipes weldability is not applicable as per API 5L.	No deviations acceptable. Tender conditions prevail. (Refer S.No. 4 & 10 above)
17.	Clause No. E.4- 'Radiographic inspection of weld seams' (Page 41 of 94 of Vol. II of II Technical).	When applicable radiographic inspection of the weld seam shall be conducted. Radiographic inspection of weld seam is not applicable for ERW pipes. We will do ultrasonic testing of strip and pipe weld seam.	No deviations acceptable. Tender conditions prevail. (Refer S.No. 11 above)
18.	Clause No. 9.11- 'Dimensions, mass and tolerance' (Page 24 of 94 of Vol. II of II Technical).	Out of roundness shall be max. 3.0 for size ≤ 10". Out of roundness will be as per API 5L forty fourth edition.	Out of roundness shall be max. 3.0 mm for size ≤ 10".
19.	Clause No. 6.2- 'Delivery condition' (Page 18 of 94 of Vol. II of II Technical).	Kindly clarify the delivery condition of pipes is normalized (N) or thermo mechanically rolled (M).	The delivery condition of pipes shall be normalized (N).
20.	Clause No. 9.8.3- 'Pipe weld & HAZ tests' (Page 23 of 94 of Vol. II of II Technical).	Pipe weld & HAZ tests For size 114.3 only parent metal longitudinal sample shall be tested.	No deviations acceptable. Tender conditions prevail.
21.	Annexure E 7.6 - 'Residual Magnetism' (Page 48 of 94 of Vol. II of II Technical).	Residual magnetism Four readings shall be taken 900....pipe. Kindly clarify the unit 900.	The following clause to be read as:- 'Four readings shall be

			taken 90° apart around the circumference of each end of the pipe.'
3 LPE COATING			
22.	Clause No. 9.2.6 (Page 65 of 94 of Vol. II of II Technical).	<p>'Check the stability of the powder by measuring the following properties using the same methods as the manufacturer.'</p> <p>As per international practice flexibility test carry out on coated pipe sample & adhesion test & impact resistance test we carry out on coated pipe not on FBE powder.</p> <p>Moisture content test method and acceptable value not given in this specification, so we consider it is informative test.</p>	No deviations acceptable. Tender conditions prevail.
23	Clause No. 11.2.2 (Page 69 of 94 of Vol. II of II Technical).	<p>'Salt test before washing and after blast cleaning (if two blast cleaning is used).'</p> <p>As per specified coating process, the pipe releases for coating should have chloride within specified limit. We have quality control and inspection point to test for chloride after second blast cleaning and if chlorides found within specified limit (i.e. 2 µgm/cm²), then we release the pipe for coating. If salt is more than 2 µgm/cm² then we will do phosphoric acid washed to remove excess salt.</p>	Bidder to ensure the adherence to clause no. 11.2 of technical specifications.
24.	Clause No. 11.4.1 (Page 71 of 94 of Vol. II of II Technical).	<p>'Spray washed with phosphoric acid and spray rinsed with clean hot water (71° to 82° C).'</p> <p>We are testing the blasted pipe for chlorides, if chlorides is within specified limit then we release it for coating application, otherwise it shall be heated to a temperature of 49 to 66° C, spray washed with phosphoric acid solution followed by high pressure deionised water (not with hot water 71°-82°C) rinse to remove all acid residue and practically if chloride on pipe surface exceed 2 µgm/cm² then phosphoric acid wash is required to remove excess chlorides. So it is not required that all pipe shall go through the chemical treatment.</p>	Bidder to adhere to the requirements specified as per clause no. 11.4
25.	Clause No. 12.1.7 (Page 72 of 94 of Vol. II of II Technical).	<p>'The use ofrequired.'</p> <p>As per international practice, use of recycled powder 10% - 20% is permitted.'</p>	Not acceptable. Tender conditions prevail.
	Clause No. 13.10 – 'Cathodic	<p>'Cathodic disbondment test performed accordance with ASTM G42.'</p> <p>CD test on samples from pipe is not feasible by</p>	No deviations allowed.

26.	Disbondment Test' (Page 75 of 94 of Vol. II of II Technical).	ASTM G42, in our previous project and as per our regular practice, we are performing CD test as per ASTM G95. This method is better suit to samples of pipe. So we performed the test as per ASTM G95 at client's recommended temperature condition.	Tender conditions prevail.
27.	Appendix 2 – ' Inspection summary for production testing on full PE-Coating system for one pipe diameter' (Page 80 of 94 of Vol. II of II Technical).	'Cathodic disbondment test frequency in regular production is first pipe, last pipe and at an interval of every 350 pipes.' Testing frequency is too high and at the end of the project number of pipes with short length will be more. So we will carry out CD test on FBE coated pipe during PQT and CD test on 3 LPE coated line pipe in regular production per batch of epoxy powder changed.	No deviations acceptable. Tender conditions prevail.
28.		Please arrange to send us the copy of specified Vendor List to enable us to support Bare Pipe Manufacturer for submitting their offer against the bid.	Vendor list for 3 LPE coating provider is attached herein as Annexure – I.
29.	Clause No. 12 & 13.5 - (Page 72 & 73 of 94 of Vol. II of II Technical).	We are considering epoxy thickness 180 µm minimum, adhesive thickness 200µm minimum & total coating thickness 2.60 mm.	Accepted.
30.	Clause No. 13.9- 'Impact test' (Page 74 of 94 of Vol. II of II Technical).	Impact test has to be conducted at both test temperatures i.e. 23+/- 2 ⁰ C & 65 +/- 2 ⁰ C. Generally this test is conducted at ambient temperature. It is also mentioned that this test is to be conducted as per DIN 30670 (Cl. 4.2.4 & 5.3.4) but as per this spec. it has to be conducted at 23+/- 2 ⁰ C only.	Bidder to ensure the adherence to clause no. 13.9 of technical specifications.
31.	Clause No. 9.2- 'FBE powder' (Page 64 of 94 of Vol. II of II Technical).	Lab testing of epoxy powder Density : We do not have the facility. Sieve Analysis : We do not have the facility. These tests are raw material tests. However the supplier will issue the test certificate for compliance.	Bidder to arrange for the necessary facilities or get it tested through a reputed approved lab. No deviations acceptable. Tender conditions prevail.
32.	Clause No. 11.4 - 'Chemical pre treatment' (Page 71 of 94 of Vol. II of II Technical).	Hot water rinse – Required water temperature 71 – 82 ⁰ C, but since all the pipes to be pre-heated at 60 - 65 ⁰ C before blasting and during blasting pipe surface temperature rises up, so no need to apply hot water. At present we do not have the facility for the same. So please clarify from the client normal water rinse.	No deviations acceptable. Tender conditions prevail.

33.	Clause No. 11.4 - 'Chemical pre treatment' (Page 71 of 94 of Vol. II of II Technical).	High pressure water wash – 10 L / m ² water rate is required. But as per phosphoric supplier recommendation it should be 1-2 litre/m ² .	Bidder to furnish necessary recommendations of Phosphoric supplier for AGL/WGI review.									
34.	Clause No. 13.10 - 'Cathodic disbondment test' (Page 75 of 94 of Vol. II of II Technical).	<p>CD test frequency</p> <table border="0"> <tr> <td></td> <td>PQT</td> <td>Production</td> </tr> <tr> <td>FBE @ 20+5⁰</td> <td>2(28 d)</td> <td>May be exempted</td> </tr> <tr> <td>3LPE @ 60+5⁰</td> <td>2(28 d)</td> <td>1st, least and one in 350 pipes</td> </tr> </table> <p>The required test frequency of 48 hours C.D. test @ 60⁰ 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 and we have conducted the CD test at this frequency (1 in 15 days) in previous projects of M/s GAIL, EIL, MECON, Tractebel etc. Please confirm from client.</p>		PQT	Production	FBE @ 20+5 ⁰	2(28 d)	May be exempted	3LPE @ 60+5 ⁰	2(28 d)	1 st , least and one in 350 pipes	No deviations acceptable. Tender conditions prevail.
	PQT	Production										
FBE @ 20+5 ⁰	2(28 d)	May be exempted										
3LPE @ 60+5 ⁰	2(28 d)	1 st , least and one in 350 pipes										
35.	Clause No. 12.3 - 'Polyethylene layer coating' (Page 72 of 94 of Vol. II of II Technical).	Cut back length should be 130 + 10mm at bevel angle 45 ⁰ , it is very narrow range. So please ask for atleast 20 mm range for cutback length bevel angle 15-45 ⁰ .	Refer clause 12.3.3 of technical specifications.									
36.	Clause No. 11.4 - 'Chemical pre treatment' (Page 71 of 94 of Vol. II of II Technical).	We shall use Oakite 33 for chemical pretreatment. Please confirm.	Refer clause 11.4.1 of technical specifications.									
37.	Appendix 1 - (Page 78 of 94 of Vol. II of II Technical).	Holiday test of FBE coated pipes - as per this appendix no holiday required an FBE coated pipes, but it is very difficult to coat pipes with zero holiday by maintaining thickness 180µm, as per Canadian spec. 0.7 per square meter is allowed at coating thickness > 350 µm. Please confirm from client.	No deviations acceptable. Tender conditions prevail.									
38.	Appendix 1 - (Page 78 of 94 of Vol. II of II Technical).	Holiday test to be conducted on 2 pipes coated with FBE (and 5 pipes coated with all three layers) at 25 KV but as per Cl. 13.6 holiday test to be conducted after FBE & polyethylene layers application i.e. 3LPE coated line pipes. Holiday test shall be conducted on 3LPE coated pipes only. Please confirm.	No deviations acceptable. Tender conditions prevail.									

39.	Appendix 1 - (Page 78 of 94 of Vol. II of II Technical).	No holidays It is very difficult to achieve no holidays in FBE coating as its thickness is less. Hence we request acceptable criteria and testing for FBE coating as per Canadian specification.	Refer S.No. 37 and 38 above
40.	Appendix 1 - (Page 78 of 94 of Vol. II of II Technical).	Test frequency is very high. We shall perform 1 sample for 48 hrs. (per pipe size) & 28 days for FBE and 3 LPE coating.	No deviations acceptable. Tender conditions prevail.
41.	Appendix 1 - (Page 78 of 94 of Vol. II of II Technical).	7J (minimum) As per Canadian specification is 1.5 J. The FBE coating which will be used for coating the manufacturers test certificate also say 1.5 J.	No deviations acceptable. Tender conditions prevail.
42.	Appendix 2 - (Page 80 of 94 of Vol. II of II Technical).	The test frequency is very high, i.e. first pipe, last pipe and at intervals of every 350 pipes We shall perform 1 sample for 48 hrs. for FBE & 3 LPE coating per pipe size and 28 days sample shall be performed only once for both FBE & 3 LPE coating in the whole project.	Refer S No.34 above.
43.	First Day Production tests		Attached here as Annexure-II.
44.	Form – A ‘Checklist Technical’ (Page 91 of 94 of Vol. II of II Technical).		Revised list is attached herein as annexure-III.
45.	Form – B ‘Proposed pipe mill’s past track record for supply of line pipes of same or higher in terms of diameter, wall thickness and grade in the last seven years’ (Page 92 of 94 of Vol. II of II Technical).		Revised list is attached herein as annexure-IV.
46.	Form – C ‘Compliance Statement’ (Page 93 of 94 of Vol. II of II Technical).		Revised list is attached herein as annexure-V.
47.	Form – C ‘Compliance Statement’ (Page 94 of 94 of Vol. II of II Technical).		Revised list is attached herein as annexure-VI.
48.	Clause No. 4.0 a) – Bid Due Date & Time (Page 2 of 79 of Vol. I of II Commercial)	Bidder has requested to extended the Bid Due date for 15 days more.	Bid Due date is extended up to 27.03.09 .15.00 hrs and opening of unpriced bid shall be on 27.03.09 at 16.00 hrs.

49.	Clause No. 10 – Bid Validity (Page 3 of 79 of Vol. I of II Commercial)	The Bid validity period should be 60 days instead of 120 days 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.	Tender condition prevail
50.	Clause No. 26.1.1- Price Reduction Schedule for delay in delivery (Page 57 of 79 of Vol. I of II Commercial)	Please amend the same as “½% per week of undelivered portion of the pipes and upto maximum 5% of the basic order value.	Tender condition prevail
51.	Clause No. 40.1- Repeat order (Page 63 of 79 of Vol. I of II Commercial)	We wish to inform you that steel prices are fluctuating every month. Hence it is not viable to accept the repeat order upto 6 months. We request you to please delete the same.	Tender condition prevail
52.	Clause No. 6.1- Payment terms (Page 66 of 79 of Vol. I of II Commercial)	Please amend the payment terms as “100% within 30 days against receipt and acceptance of goods at Warehouse / Site along with submission of complete documents through bank.	Tender condition prevail
53.	Annexure – 1 to IFB Clause – 1.2.4 Working Capital Page 6 of 79 of Vol I of II Commercial	Bidder have requested to withdraw the condition of working capital as mentioned in tender	New Para is added after last line of this clause - “If the bidder’s working capital is inadequate, the bidder should supplement this with a letter from the bidder’s bank having net worth not less than Rs. 100 Crore, confirming the availability of line of credit to cover the inadequacy to meet the current working capital requirement.”
54		Whether Aavantika Gas Ltd will issue the sales tax declaration form (Form C) for concessional form.	Refer SOR Column No 7 and ATC Clause 3 (b)
55		Rate of Entry Tax Applicable at Indore	Not applicable
56		The required entry permits if any shall be arranged by AGL	AGL shall issue Form-49

3 LAYER PE COATING VENDOR LIST

- a) M/s Welspun Gujarat Stahl Rohren Ltd
36, Bawa Potteries Complex,
Nearby Nerulas, Aruna Asif Ali marg,
Vasant Kunj, New Delhi — 110070
- b) Jindal-SAW Limited
Jindal Centre, 12 Bhikaji Cama Place,
New Delhi — 110 066
- c) Maan Industries (P) Limited
902, Indra Prakash Building,
21 Barakhamba Road,
New Delhi —110001
- d) PSL Ltd.
PSL House, B-96, Greater Kailash,
New Delhi —110048

FIRST DAY PRODUCTION TESTS

Three lengths each of completely finished pipes of first day's production from three different heats shall be selected at random for testing to verify that the manufacturing procedure results in the quality of pipes which are in complete compliance with this specification. The pipes thus tested shall be considered to be the test pipes required per heat or per lot as per relevant clauses of this specification.

These first day's production tests shall be repeated upon any change in the manufacturing procedure as deemed necessary by Purchaser Representative. The first day production tests shall be carried out on pipes for each wall thickness, each diameter and each grade of steel.

The Manufacturer shall submit to Purchaser a report giving the results of all tests mentioned below. The report shall be agreed and signed by Purchaser Representative, prior to start of regular production.

Note: In the event of small quantities of pipes ordered against this specification, like those for bends and other similar applications, as specifically called out in the Purchase Order, the first day production test shall not be carried out. Pipes in such case shall be accepted based on regular production tests.

The various tests to be conducted on each pipe shall be as follows. The test method and acceptance values shall be as per this specification unless specified differently in this Annexure.

a. **Visual Examination**

All pipes shall be examined visually for dimensional tolerances and apparent surface defects.

b. **Ultrasonic Examination**

All pipes shall be examined by automatic Ultrasonic equipment as per Annexure-E of this specification.

c. **Mechanical Properties**

The mechanical properties of all pipes shall be tested and shall meet the requirements of this specification. Purchaser Representative will select the locations on the pipe from where the test specimen shall be removed.

The following tests shall be conducted:

- i. Two (2) flattening test specimens shall be removed; one specimen shall be tested with weld at 0° and other at 90°.
- ii. Two (2) transverse base metal specimen and two transverse weld specimen for tensile test shall be tested. In case transverse base metal specimen is not applicable as per Fig. 5 and Table 20 of API Spec 5L, longitudinal specimen may be taken.
- iii. Six (6) weld cross-section specimen, three (3) from each end of the pipe joint, shall be taken for metallographic examination. Two of these specimens shall be tested for hardness at room temperature after etching.
- iv. Fracture toughness testing specimen shall be extracted as specified in clause 9.8 and clause 10.2.3 of this specification:
 - Four sets of three transverse specimens each from base metal
 - One set of 3 transverse specimens with weld in middle
 - One set of 3 transverse specimens with HAZ in middle

The base metal specimen shall be tested at -10, 0, +20°C for shear area and absorbed energy.

- v. At points selected by Purchaser, 12 DWTT specimens shall be removed from base metal in a transverse direction. The sets of 3 base metal specimen shall be tested at -10, 0, +20°C for shear area. The value at the test temperature specified in Clause 9.9 of this specification shall be used to evaluate the test. Full transition curve shall be established for the heat.

(Note: This test is to be carried out only when required as per Clause 9.9 and Clause 10.2 of this specification.)

- d. Weldability test shall be conducted at pipe mill on first day's production. This shall ensure Weldability & strength as per code. Welding shall be done as per WPS approved by OWNER / OWNER's representative.

e. **Impact Test**

Charpy V-notch impact test shall be carried out at 0 °C or at lower temperatures provided requirements for energy absorption and shear fracture area are met at such lower temperatures.

Charpy V- notch test specimen shall be prepared accordance with Clause 10.2.3.3. A set of three specimens shall be taken from following position of pipe body:

- The base material
- Fusion line
- The heat affected zone at 2 mm & 5mm from the fusion line.

The acceptance criteria for absorbed energy values for three full sized specimens shall be as given below:

	Base Metal (Joules)	Weld Metal and HAZ (Joules)
Minimum individual value	22.0 J	22.0 J
Minimum average value	27.0 J	27.0 J

In addition, all the tests and inspections require to be conducted as per this specification shall be conducted on all the pipes selected for testing during first day production test.

FORM - A**CHECK LIST – TECHNICAL**

REQUISITION FOR :	ERW / SEAMLESS CARBON STEEL COATED LINE PIPES
PROJECT :	CITY GAS DISTRIBUTION PROJECT IN INDORE

Bidder confirms following, as a minimum, have been enclosed in the offer:

Sl. No.	Requirements	Complied by Bidder
1.0	Total compliance to technical requirements of the Material Requisition, as per Compliance Statement (Form-C), enclosed.	Yes/No
2.0	Bidder has clearly identified the quoted items covered in Material Requisition including location of pipe mill(s) where the quoted items are proposed to be manufactured.	Yes/No
3.0	Type of Line pipe (ERW /SEAMLESS) quoted has been clearly indicated for each quoted item, as applicable.	Yes/No
4.0	Bidder meets Bidder's qualification criteria (BQC) and documentary evidence in support of BQC is enclosed in the offer as per following, as a minimum.	Yes/No
	a) Name & Location of Proposed Pipe Mill.	Yes/No
	b) Valid API 5L certificate and copy of license to use API monogram on line pipes of PSL 2 quality as per API spec 5L.	Yes/No
	c) Proposed Pipe Mills' past track record for supply of line pipes of same or higher in terms of diameter, wall thickness and grade in the last seven years as per (Form-B).	Yes/No
	d) A certificate from reputed international inspection agency (i.e. CEIL / Lloyds / BV / DNV / TUV / ABS / Moody) is enclosed in 'Format-A' for proposed pipe mill, certifying that the proposed mill has the capability to produce linepipes complying technical requirements specified in the bid document.	Yes/No
	e) Documentary evidence in support of BQC (i.e. copies of W.O./P.O (without price), Inspection release notes, completion certificate etc.)	Yes/No

To be filled, signed and stamped by Bidder.

Bidder's seal

Signature of Bidder

Annexure – IV

FORM-B

PROPOSED PIPE MILL'S PAST TRACK RECORD FOR SUPPLY OF LINE PIPES OF SAME OR HIGHER IN TERMS OF DIAMETER, WALL THICKNESS AND GRADE IN THE LAST SEVEN YEARS

REQUISITION FOR :	ERW / SEAMLESS CARBON STEEL COATED LINE PIPES
PROJECT :	CITY GAS DISTRIBUTION PROJECT IN INDORE

S.No.	Project	Client(Name & Address)	Diameter	Wall Thickness	Material & Grade	Service	Year of Supply

To be filled, signed and stamped by Bidder.

Bidder's Seal

Signature of Bidder

FORM - C**COMPLIANCE STATEMENT**

REQUISITION FOR :	ERW / SEAMLESS CARBON STEEL COATED LINE PIPES
PROJECT :	CITY GAS DISTRIBUTION PROJECT IN INDORE

The vendor shall confirm below the Sections of the Requisition / Specification that he has complied with / accepted. Columns 2, 3, must be answered and initialed.

Specification No. Section No.	11-0269-01-07-02-003	*Conforms Yes / No	Noted Yes / No
TECHNICAL SPECIFICATION FOR ERW LINEPIPE			
1			
2			
3			
5			
6			
7			
9			
10			
11			
12			
14			
15			
TECHNICAL SPECIFICATION FOR SEAMLESS LINEPIPE			
1			
2			
3			
4			
5			
6			
7			

Notes: * Acceptance (i.e. Yes) implies total compliance to the Specifications.
@ Provide additional explanatory sheets if required.

No Deviation Tender

FORM - C**COMPLIANCE STATEMENT**

REQUISITION FOR :	ERW / SEAMLESS CARBON STEEL COATED LINE PIPES
PROJECT :	CITY GAS DISTRIBUTION PROJECT IN INDORE

The vendor shall confirm below the Sections of the Requisition / Specification that he has complied with / accepted. Columns 2, 3, must be answered and initialed.

Specification No. Section No.	11-0269-01-07-02-004	*Conforms Yes / No	Noted Yes / No
1.0			
2.0			
3.0			
4.0			
5.0			
6.0			
7.0			
8.0			
9.0			
10.0			
11.0			
12.0			
13.0			
14.0			
APPENDIX 1			
APPENDIX 2			
APPENDIX 3			
APPENDIX 4			
APPENDIX 5			
APPENDIX 6			

Notes: * Acceptance (i.e. Yes) implies total compliance to the Specifications.

@ Provide additional explanatory sheets if required.

No Deviation Tender