

**Tender No - 110290/WGI/GAIL GAS/29-R0**

**DATE: 23.11.2010**

Sr. No.	Section / Clause No.	Tender Doc. Page No.	Clause Description	Bidders Queries	WGI / GGL Reply to Bidders Queries
1.	Cl.No 3.1.1.1 (05) Annexure 1 to IFB	6 of 117	Mill Qualification	We have gone through tender and are fulfilling the qualification criteria and have to submit Format A duly signed by TPI mentioned in the tender, We have already participated in GAIL tender (Bid Doc No.PKK/6921-001-QB-MR-9010/1052(E Tender No.8000001860) due on 04.06.2010) for spurlines to Bhilwara & Chittorgarh and Augmentation of existing VKPL Project of Gail (India) Ltd. Kindly confirm that the same Format-A can be submitted along with this tender	The bidder shall furnish a certificate for proposed pipe mills along with their bid, which have not been audited by GAIL/GAIL Gas or its authorized representatives or, have not supplied pipes to GAIL/GAIL Gas of same or higher size and material Grade as quoted for or higher grade during last five years as on the due date of submission of bid, as per Format A provided in the bid document, from a reputed International inspection agency (i.e. CEIL/ LLOYDS/ BV/DNV/ TUV/ ABS/ MOODY ), certifying that the mill has capability to produce line pipes complying with technical requirements specified in the bid documents. Non-compliance to the above requirement will make the mill liable for rejection.
2.	4.1 of SCC-Goods / Volume I of II	55 of 117	Procurement of Steel Plates / Billets	We request to include/consider M/s Jindal Steel & Power Ltd in the List of Raw material supplier	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 Cl 4.3 of SCC GOODS.
3.	Clause no 9.3 Tensile Properties- Volume II of II	23 / 24 of 101	The actual yield strength shall be as close as possible to the specified minimum yield strength (SMYS) but in no case it shall exceed more than 131 Mpa from specified minimum yield strength for X-42 Grade	Please note that at present API 5L 44th edition is applicable hence we request you to consider the YST 145 Mpa from the minimum value of 131 Mpa as per API 5L 44th editions	Tender Conditions prevail.
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	Clause no 9.4.3 Test Pressure Volume II of II	24 of 101	The test pressure for all sizes and grades of pipe shall be such that hoop stress generated at least 95 % of SMYS	We request you to consider YST at least 85% of min. instead of 95% of min YST	Pressure calculations shall be as per the formula defined in the CI 10.2.6 Keeping a test pressure such that hoop stress generated is atleast 95% of SMYS.
5.	Clause No.9.4 Hydrostatic Test -Volume II of II	24 of 101	Test pressure shall be held for a minimum period of 15 seconds	We request you consider the hydrostatic pressure holding time for 5 sec insteads instead of 15 sec, since it is very time consuming however 5% pipes may be witnessed at 15 sec holding time.	Tender Conditions prevail.
6.	Clause No.9.4.5 Brust Test-Volume II of II	24 of 101	Brust test shall be done on each type of pipe for each size	We request you waive off the burst test for seamless pipes	Tender Conditions prevail.
7.	Clause No 9.6 Flattening Test - Volume II of II	24 of 101	Flattening Test for EW pipe	Please note that flattening test is not applicable for seamless pipes. We request you to waive off the flattening test for seamless pipes	Refer Clause No. 9.6.Flattening test is for EW Pipe and not seamless pipe.
8.	Clause No. 9.8.2 Volume II of II	24 of 101	Impact Test	Please note that as per Table 22 and page no.55 (refer note) of API 5L latest 44th edition CVN impact Test is not applicable for wall thickness < 7.6 mm. However if desired only we can conduct longitudinal impact test ( 3 set) of per heat and transverse test is not possible to conduct due to smaller surface area.	Impact Test is a mandatory requirement & if carried out at longitudinal direction then the values have to be factored accordingly.
9.	Wall Thickness Clause No. 9.11- Volume II of II	28 of 101	The tolerances on specified wall thickness shall be (+) 15 % and zero negative tolerance	Please note that as per table-11of API 5L wall thickness tolerance +15%,-12.5% is required to manufacture the seamless pipes. If in case negative tolerance is not acceptable we can manufacture the seamless pipes with tolerance +25% / (-) zero tolerance therefore we request you to amend the bid document accordingly for seamless	Tender Conditions prevail
10.	Clause No. 9.11- Volume II of II	29 of 101	Out of roundness	At present API-5L 44th editions is applicable and we request you to accept the out of roundness tolerance as per API-5L 44th addition	Tender Conditions prevail.
11.	Pipe Length- Clause No.	28 of 101	All pipes shall be supplied with		Tender Conditions prevail.

	9.11- Volume II of II		length between 11.5 m and 12.5 m. The minimum average length of the entire order shall be 12.0 m. API 5L Table 12 shall not be applicable. Pipe used for sampling or 5% of ordered quantity whichever is higher may be accepted for a length between 10.0 to 11.5mm.	We request to consider the pipe length between 10 to 12.5 meters in order to avoid the wastage of materials	
12.	NDT Testing Clause No.10.2.10 Annexure E Volume II of II	44/45 of 101	NDT Testing	Please note that we shall carried out the NDT by electromagnetic inspection method and end area by MPI (wet) method. Kindly provide your acceptance	Tender Conditions prevail. Please refer Clause no. E.3.1.2 page No.45 and Clause No.E.3.3 page No.46
13.	Clause No. 10.2 - Volume II of II	32 of 101	Product analysis -Two pipes per heat per lot of 50 pipes. Pipes selected shall be such that one at the beginning of the heat and one at end of heat are represented.	Since lot size is very small i.e.50 pipes. Product analysis will be very time consuming due to such small lot therefore we request you to consider two sample per heat only	Tender Conditions prevail.
14.	Clause No. 10.2 - Volume II of II	32 of 101	Tensile Test- Test shall be made at the frequency of two pipes per lot of 100 pipes.	We request to consider one sample per heat only	Tender Conditions prevail.
15.	Clause no 9.3 Tensile Properties- Volume II of II	23 / 24 of 101	The actual yield strength shall be as close as possible to the specified minimum yield strength (SMYS) but in no case it shall exceed more than 131 Mpa from specified minimum yield strength for X-42 Grade	We request you to consider the tensile properties as per API 5L 44th editin	Tender Conditions prevail.
16.	Clause no 9.4.3	24 of 101	The test pressure for all sizes and		Tender Conditions prevail.

	Test Pressure Volume II of II		grades of pipe shall be such that hoop stress generated at least 95 % of SMYS	We request you to consider the test pressure as per API 5L or 90% SMYS, end correction factor will be applicable	
17.	Clause no 9.11.3.4 Straightness	30 of 101	The deviation from a straight line for each pipe length shall not exceed 1.0 mm per metre length of pipe with maximum permissible limit of 12mm.	We request you to accept the straightness as per API 5L or 1.5 mm per meter	Tender Conditions prevail.
18.	Clause 8.1 Volume II of II	21 of 101	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.
19.	Clause no 9.3 Tensile Properties- Volume II of II	23 / 24 of 101	The actual yield strength shall be as close as possible to the specified minimum yield strength (SMYS) but in no case it shall exceed more than 131 Mpa from specified minimum yield strength for X-42 grade.	Upper limit of yield strength for sizes 6" shall be 495 Mpa. (due to sample shall be taken from longitudinal to the pipe axis), as per foot note 'e' of API 5L table -7. hence it may please be amended accordingly.	Refer SI. No 3
20.	Clause No.9.4.5 Burst Test-Volume II of II	24 of 101	Burst test shall be done on each type of pipe for each size on lowest thickness and minimum burst test pressure shall not be less than the actual tensile stress factor & computed pressure	Since, the thickness and grade of both sizes are equal, hence please allow us to carry out this test from one of these sizes. Moreover, for your kind information, the tensile strength of pipe is vary coil to coil so it is too difficult to take one tensile value for calculation purpose. Hence, please amend as minimum burst test pressure shall not be less than the minimum specified tensile stress factor & computed pressure.	Refer SI. No 6
21.	Clause No. 9.8.2	24 of 101	Impact Test for pipe weld, HAZ	The extraction of samples in transverse orientation for weld,	Refer SI. No 8

	Volume II of II		and Body	HAZ and Body is neither applicable nor feasible for sizes 6" and 8" as per API 5L Table 22 (Page 56) due to size and thickness constraint. Hence, pleaset may be waived off.	
22.	Clause 9.9 Volume II of II	27of 101	DWT Test for PSL 2 welded pipes.	We understand that above test is not applicable for this tender due to sizeconstraint.This test is applicable for size > =20" as per API 5L, Table 18.Kindly confirm the same.	Bidder's understanding is correct.
23.	Clause 9.11.2 Volume II of II	29of 101	"Mass per Unit length"	Please provide MASS tolerances.	Tolerance in mass per unit length is not applicable as tolerance on the thickness in diameter is already specified.
24.	Clause 9.11.3.4 Volume II of II	30 of 101	Straightness – The deviation from a straight line for each pipe length shall not exceed 1 mm per mtr. Length of pipe with maximum permissible limit of 12 mm	In smaller dia pipes, like 6" and 8" of double random length, during manufacturing, pipes are bending more hence please amend the tolerances of straightness as per API 5L Clause 9.11.3.4, i.e. <= 0.2% of the pipe length.	Refere Sr No.17
25.	Clause 9.12.5.4(b) Volume II of II	30 of 101	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.
26.	Clause 9.15, Appendix II (new) d,Volume II of II	31 of 101	"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 13	44 of 101	Appendix I, Annexure E E2(f)	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,	Random radiography (wherever required) is included in the scope of bidder.

				<p>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.</p> <p>The above are not applicable for ERW pipes. Please confirm the same.</p>	
28.	Appendix II (New) Volume II of II	41 of 101	Appendix II (New) – 1st Day Production Tests	There are contradiction in two clauses, 'c(iv)' and 'e' for Impact Testing. Please clarify which one shall be followed.	Clause, 'c(iv)' shall be applicable
29.	Appendix I- Volume II of II	Page No 39 of 101	Appendix I, Ultrasonic testing of plates / skelp and pipes for lamination	Your spec. main clause does not ask for ultrasonic testing of plates/skelp and pipes 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 6 mm width x ½ T depth (T = specified thickness of pipe) with minimum coverage area of 25%.	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.
30.	VOL I of II 11 of SCC – Goods	59 of 117	Recovery on Failure of Pipe under Field Hydro Test	We request you to please amend the same as – Maximum amount should be Rs. 3.00 lakh This amendment will help us to submit the competitive price without taking any extra price cushion on this account.	Tender Condition prevail
31.	VOL I of II 39 of ITB	27 of 117	Repeat order	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 OR freeze the quantity before the placement of FOA.	Tender Condition prevail

32.	VOL I of II 1.1 of Payment Terms	63 of 117	Payment Terms	Please amend the payment terms as 100% of invoice value shall be released within the period of 10 days against submission of documents and handed over pipes to coating contractor.	Tender Condition Prevail
33.	VOL I of II 6.0 of SCC – Goods	57 of 117	Delivery Schedule	Please note that the given delivery period is very short, and it will be difficult to match the delivery period because only procurement of raw materials will take 6-8 weeks thereafter QAP approval/ manufacturing / Inspection etc will take 2-4 weeks therefore We request you to consider the delivery period as under. (i) For Bare Pipes-10-14 weeks (ii) Coating pipes 8-10 weeks (iii) Coated pipes - 12 <sup>th</sup> - 16 <sup>th</sup> Weeks.	Refer Corrigendum-2 Sr.No.4
34.				Dumpsite management is not very much clear in the tender document as per our understanding only stacking & unloading at site is required, kindly clarify who will do the dumpsite management Seller or Owner?	Owner
35.	VOL I of II 19 of SCC – Goods	60 of 117	Price Reduction Schedule (PRS)	Kindly consider the PRS@1/2% of delayed order value per week subject to max. 5% of delayed order value.	Tender Condition Prevail
36.	VOL I of II 1.1 of Payment Terms	63 of 117	Payment Terms	Kindly consider the payment terms 100% against despatch document and receipt of materials at site, since seller scope of work is over after unloading and stacking of materials at site.	Tender Condition Prevail
37.				Kindly clarify who will pay the charges of TPIA, Seller or Owner.	Owner's representative
38.				Bid due date extension upto 10.12.2010	Refer Corrigendum-2 Sr.No.1
39.		54 & 55 of Vol.-I and 5 of Vol.-II	Scope of supply for Option-2 & 3	From clause 1.1.1 & 2.2.1 of SCC, we understand that GAIL Gas will arrange and maintain storage yard for stacking of line pipes at the designated locations i.e. bidder does not have to arrange for the land and maintain the storage yard. Whereas, in scope of work in Vol.-II (additional works for Option-2 & 3), it is mentioned that "management and	Management and maintenance of storage yard is in the scope of Gail Gas

				maintenance of storage yards". Please clarify.	
40.		54 & 55 of Vol.-I and 5 of Vol.-II	Scope of supply for Option-2 & 3	Also, please confirm whether the scope of unloading and stacking at storage yards including arranging for equipment and stacking material is in the scope of bidder or GAIL GAS.	Unloading and stacking at storage yards including arranging for equipment and stacking material is in the scope of bidder
41.			Scope of supply for Options-2 & 3	Please confirm that applicable road permits required for entry into UP, MP & Haryana shall be provided by GAIL Gas without any commercial implication to the bidder.	Road permit shall be provided by GGL
42.	1.2 of IFB and SCC	2, 55 and 139 of Vol.-I	Delivery schedules for Options – 1, 2 & 3	Considering the lead time of 6 – 8 weeks required for procurement of API grade Coils, the delivery schedule given is inadequate. Also, for Option – 2, the delivery schedule allowed completing 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 4 – 6 weeks.	Refer Corrigendum-2 Sr.No.4
43.	1.3 of Section-V Volume I of II	63 of Vol.-I	Payment terms for Option-2	It is mentioned that balance 10% payment shall be paid within 30 days after handing over of coated pipes at GAIL GAS warehouse..... We request that balance 10% payment be released on progressive basis against handing over of coated pipes at warehouse in line with previous tenders of GAIL GAS.	Tender Conditions prevails
44.	Volume II of II Cl.2 Price Schedule for Option-2 for Meerut warehouse	Page 5 of 101	Quantity to be delivered to Meerut warehouse	As per Scope of Work, 8000 Mtrs. of 8" & 25000 Mtrs. of 6" pipes are to be delivered at Meerut. Whereas as per the price schedule for option-2 for Meerut, the respective quantities mentioned are 22000 Mtrs. of 8" and 25000 Mtrs. of 6". Please confirm actual quantity for Meerut warehouse.	Refer Corrigendum-2 Sr.No.3