


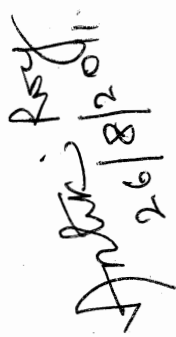
TRACTEBEL Engineering GDF SUEZ		REPLY TO PRE BID QUERIES #1 SUPPLY OF MDPE VALVES & FITTINGS FOR CNG & CITY GAS DISTRIBUTION PROJECT IN VIJAYAWADA PHASE 1B			Tender doc. No.: P.001385 G09 0019 Owner - Bhagyanagar Gas Ltd Consultant - Tractebel Engineering Pvt. Ltd. Date: 26.08.2011
Sl. No.	Vol. No./Section	Tender Page No.	Clause No /Description	Bidder's Query	Clarification by TE-IN/BGL
TECHNICAL (BIDDER -1)					
1	Volume II of II Material Requisition	200011	Clause No 2.4 Inspection- " Inspection shall be performed by the manufacturer/vendor nominated Inspection Agency....."	Please confirm list of TPIA agencies and Charges applicable for the same is in whose scope?	Refer reply given below against S.No. 3. (COMMERCIAL/RHINO SERVICES PVT LTD)
2	Volume II of II Material Requisition	200009	Group C - Item 3: External Threading on the CS pipes should of what type NPT / BSP - Purpose of threading - to fix a regulation valves?	PI specify the threading type.	Threading is of NPT Type.
3	Volume II of II PTS- MDPE Valves & Fittings	200017	Cl. 3.2 Add - Branch tapping saddle of size 63 mm and above shall be supplied by wrap around.	Wrap around saddle for 63 mm and above size is not general requirement and not mandatory by EN 1555 Std, Even PNGRB does not ask for this type of saddle. We have been supplying to all CGD top loading saddle with external clamp including BGL, and these are working without any problems since last 15 years. In fact with our experience and interaction with field people, Top load is much better option than wrap around for high dia saddle due to perfect load exerted by top load cell 1000-1500 Newton. We request to allow top load type saddle for 63 mm and above dia	For Saddle of all sizes Top load type is applicable instead of wrap around. Please refer to Corrigendum #1
4	Volume II of II PTS- MDPE Valves & Fittings	200017	Cl. 6.3 Replace - All accessories shall be black or yellow or orange colour	PE 100 Electrofusion fittings are available only in Black colour. Hence it should be only Black	Noted. Black color is acceptable.
5	Volume II of II PTS- MDPE Valves & Fittings	200018	Cl. No 12 Replace - All electrofusion accessories must be printed with a bar code and an individual magnetic card.	Electrofusion fittings are supplied with bar code and hot embossed fusion and cooling time written on each fittings with SDR and PE 100 marking. Magnetic card is not the requirement of EN 1555 standard and will be misused during the fusion as welders tend to use same card for all fittings during the whole day. Hence it should not be made mandatory to supply magnetic card which will add to cost of fittings.	Bar code with lamination is to be used instead of magnetic card. Please refer to Corrigendum #1
5	Volume II of II PTS- MDPE Valves & Fittings	200020	Point no. 3 - Hydrostatic Strength - Witnessed by TPI	It requires minimum 3 days or one week hence only review of the manufacturer internal test reports should be carried out by TPI, TPI can witness the ongoing hydro-test on the day of visit to factory and later on review the test reports of the same to expedite the supply of material and avoid two visits to plant	Tender condition prevails.

Subir Roy
26/8/2011

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6	Volume II of II PTS- MDPE Valves & Fittings	200020	Part no. 5 - Impact Strength Part no. 6 - Pressure Drop	these are type test performed for the DVGW approval, hence review of the DVGW certificates / test reports to be carried out by TPI as individual test of item is not done during bulk production. More over impact strength is only for spigot fittings.	Bidder understanding is correct. Only review of DVGW / Test reports is to be carried out by TPIA appointed by the bidder.
7	Volume II of II GTS- PE Accessories (For underground networks for natural gas distribution)	200037	CL No 6.6 - Support drilling equipment	The bell drill is equipped with a manoeuvring opening for the insertion of 12 mm hexagonal spanner with cutter depth of 17mm in place of 17 mm hexagonal spanner	The depth of cut will be 17mm but the diameter of the hexagonal drill will be 12mm.
COMMERCIAL (BIDDER-2)					
1	Volume I of II Invitation for Bids	100017	Clause No 8.0- Details of Bid Documents : Sub Clause No 8.1- Limited Domestic Competitive Bidding	1) This tender seems to be invited for "Domestic bidding only", as the same has been mentioned at various clauses in the tender document e.g page no 100017, clause no 8. Can you please clarify, in case the foreign principle needs to participate for this tender, would they be allowed and in such case what would be the Schedule of rates for the foreign supplier.	Only Indian bidders can participate in this tender.
2	Volume I of II Schedule of Rates	100092, 100093, 100094 & 100095	Schedule of Rates	1) In the SOR and various other location of the tender document, we have noticed that the tender calls for bidding of items on the group basis and in case not quoting a single item in a group, the bid is disqualified. We request you to kindly reconsider the same, especially for group B items, as it constitutes of totally 43 items, and there are chances that all bidders might not be able to offer all 43 items. In case it is a must, than can the bidder supply a few items from any other technically qualified supplier for this particular tender?	Tender conditions prevail
3	Volume I of II Schedule of Rates	100092, 100093, 100094 & 100095	Schedule of Rates	In the SOR, one of the column items asks to quote the Freight charges including octroi and entry taxes. However the same must be exclusive of these taxes. Service tax cannot be applied on combination of freight + octroi + insurance.	Bidder to indicate the Service tax amount in column (6) applicable on amount indicated in column (5).
4	Volume I of II Schedule of Rates	100092, 100093, 100094 & 100095	Schedule of Rates	In the SOR for the domestic bidders, in case of bidding by the distributors, there is no way that CVD or ED can be passed on to owner. The basic FOT price would be landed cost to us, and since we do not have excise no. hence there is no way we can pass the CVD.	In case, bidder can not pass the ED / CVD then he should indicate ED as NIL in SOR.
TECHNICAL (BIDDER-2)					
1	Volume II of II Material Requisition	200006	Group A - MDPE Ball Valves	If we understand correctly, the material requisition for group A items, is for MDPE ball valves with integral extended stem arrangement. Kindly note, that it is practically impossible for a manufacturer to make an integral or separate extended stem arrangement for the 32 MM of PE ball valves. The same is possible for other higher sizes. Hence we request you to kindly make the necessary changes in the tender document, so that for 32mm ball valves, bidders would be allowed to quote standard ball valves.	Only for 32mm size PE Ball Valves, extended stem is not required. All 32mm size PE Ball Valves are to have 110 mm size HDPE PE 100 Sleeve covering the stem for mechanical protection. For 63mm and above sizes, all PE Ball Valves should be provided with extended stem of 690mm height as per Tender specifications. For 63mm & above sizes PE Ball Valves, HDPE 100 Sleeve covering the stem enclosure is not required.

Roy
 26/8/2011

		REPLY TO PRE BID QUERIES #1 SUPPLY OF MDPE VALVES & FITTINGS FOR CNG & CITY GAS DISTRIBUTION PROJECT IN VIJAYAWADA PHASE IB		Tender doc. No. : P.001385 G09 0019 Owner - Bhayanagar Gas Ltd Consultant - Tractebel Engineering Pvt. Ltd. Date: 26.08.2011	
Sl. No.	Vol. No./Section	Tender Page No.	Clause No./Description	Bidder's Query	Clarification by TE-IN/BGL
2	Volume II of II PTS- MDPE Valves & Fittings		Regarding the sleeve, spindle & end cap of MDPE ball valves	In the detailed technical specification for MDPE ball valves, details with regards the sleeve, spindle, end cap has been given. However in integral extended stem valves, the valve is a single piece design of PE material, electro fused together, such that there is absolutely no way that any foreign particle can ingress the valve. Hence in case of integral extended stem valves, we request you to kindly delete the specification for the sleeve, spindle, end caps etc. Also the drawings attached for the valves needs to be amended	Bidder's understanding is correct Also please refer to reply No 11 as stated above.
3	Volume II of II Material Requisition	200007	Item no. 8 & 11 of Group B - MDPE Ball Valves & Fittings	In the material requisition document, under group B heading item no 8 and 11, asks for 30 degree bends. These are non standard fittings and we have never heard about the same. Request you to kindly reconsider the requirement.	Tender condition prevails.
4	Volume II of II PTS- MDPE Valves & Fittings	200016	Clause no. 04 - Recommended Manufacturer for Raw material	At page 200016, recommended list of manufacturer have been specified. Firstly Solvay is now owned by Ineos. Hence the manufacturer for us would be SOLVAY (Ineos to be precise). We can support a lot of documents to prove our point if need arises, hence we request you to kindly give an option of Ineos / Solvay in the list of manufacturers. The tender specifies consideration of other makes of raw material that can be used, subject to prior approval of credentials of raw material supplier. Can you please let us know, if the same has to be done during tendering or after tendering and during execution?	Bidder understanding is correct, INEOS is acceptable. Please refer to Corrigendum # 1
5	Volume II of II Material Requisition	200008	Group B - Equal TEE	In the material requisition, all the TEEs asked for, is assumed to have only two ends EF type. Please confirm the same.	Tender condition prevails.
6	Volume II of II Drawing - Sketch for extended stem height of valve chamber	200024	Drawing - Stem Height of valve	The stem extension length has been mentioned as 690mm, in the tender. We are assuming that the same is approximate, as different sizes of valves would have different lengths, however we do understand that the same would be in the range of 690 to 770 mm. The exact drawings shall be submitted at the time of execution.	Tolerance of + 10 mm/- 0 mm is acceptable.
7	Volume II of II PTS- MDPE Valves & Fittings	200018	CL No 12 Replace - All electrofusion accessories must be printed with a bar code and an individual magnetic card.	On page 200018, clause no 12, ask for magnetic card. Till date there has been no such requirement in india, to our knowledge, hence we would like to request you to kindly delete the same from specs. However there is no issues, in providing the Barcode.	Bar code with lamination is acceptable. Please refer to Corrigendum # 1
8	Volume II of II Material Requisition	200011	Clause No 2.4- Inspection	1) Third party inspection is in scope of bidder or owner. Please clarify the same. Also the list of third party agencies has not been attached with the tender document, we request you to kindly provide the same. In case, the third party agency is in scope of supplier, than can we get the material inspected for more than one batch of material at the same time and store the same in our warehouse. As you are aware that we are not manufacturer and sole distributors, and hence many times we would prefer to import more items at a time, looking at production schedules and other practical reasons.	Third party inspection is covered in bidder's scope Charges shall be borne by supplier. Name of approved agencies are given below : • Tata Projects Ltd. • Germanischer Lloyd • Velosi Certification Services • Certification Engineers International Ltd. • International Certification Services Pvt.Ltd. • SGS India Pvt. Ltd. • TUV SUD south Asia. • TUV India Pvt.Ltd. • Quality Services and Solutions Pvt.Ltd.


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TECHNICAL (BIDDER-3)					
1	Volume II of II Material Requisition	200006, 200007, 200008, 200009	Group B - Tees, Elbows & Reducers	Electrofusion fittings can be supplied in combination of spigot plus coupler in case of Tees/Elbows, reducers as has been acceptable in Case of End Cap & Reducer as mentioned in your SOR	Tender condition prevails. Couplers should be integrated with the fittings
2	Volume II of II Material Requisition	200007	Item no. 8 & 11 of Group B - MDPE bends	Bend of 30 degree for sizes 180 & 125mm (Group B Serial No 8 & 11). As there is no electrofusion bend of this degree available directly supply can be made with the combination of spigot/bend of the required degree with electrofusion couplers at both ends	Tender condition prevails.
3	Volume II of II Material Requisition	200010	Item no. 5 & 6 of Group C - Transition fittings	Transition fitting (Group C Serial No 5 & 6) manufactured range is 125mm x 4" and 180mm x 6" as against the requirement in the SOR	Bidder's understanding is correct. Please refer to Corrigendum # 1
4	Volume II of II Material Requisition			PE Electrofusion fittings supplied by Georg Fischer will have integrated pipe fixation device upto sizes 63mm	Tender condition prevails. All fittings of all sizes are to be of electrofusion type .
5	Volume II of II Material Requisition	200008, 200009	Item no. 30 to 37 of Group B - Tapping saddles	All Tapping Saddle required in the SOR will have a bottom clamp as an integral part of the fittings	For Saddles of all sizes Top load type is applicable instead of wrap around. Please refer to Corrigendum # 1
TECHNICAL (BIDDER-4)					
1	Volume II of II Drawing - Sketch for extended stem height of valve chamber	200024	Drawing - Stem Height of valve	We propose adjustable type stem length for PE valves. Please confirm the acceptance of the same.	Tender condition prevails. All valves are to have fixed stem length and not adjustable type
2	Volume II of II GTS- PE valves for natural gas distribution underground network	200070	Bullet no. 10 of Clause no. 6.2 :- The valves should be equipped with a base plate. In order to achieve this, the valve body will be design with a flat base(model1) or with an attached base plate or an integrated one (model 2). The owner or his representative will specify the model	Please confirm whether base plate is required or not for PE Valves	Base plate is required. Tender condition prevails
TECHNICAL (BIDDER - 5)					
1	Volume II of II Material Requisition	200008	Sl. No. 24 - 29 of Group B - Description of Goods and /Or Services: MDPE Equal tee of size 20mm / 32mm / 63mm / 90mm / 125mm / 180mm OD PE 100 suitable to SDR 11 pipe supplied with E/F ends. The connection shall be without additional Coupler and shall be integrated.	Equal Tee with one spigot end to be accepted . Normally in E/F tee one end is always spigot type and hence E/F coupler is supplied to facilitate fusion of this spigot end. We will supply E/F tee along with a Coupler/ Reducer as done for IGL, GAIL etc. By this the equal tee can also be used as reducing tee with the help of a reducer.	Tender condition prevails Coupler integral with the fitting is to be provided wherever applicable.
2	Volume II of II PTS-MDPE Valve Fittings	200016	Cl. No. 04 : RECOMMENDED MANUFACTURER FOR RAW MATERIAL 1. Solvay 2. Borealis 3. Fina 4. Dow 5. Elenac Note : Vendors other than those as stated above are also acceptable subject to the approval of their proven track record (PTR) by BGL/TEPL	Please include Boreague as Recommended Manufacturer for Raw Material. We use PE 100 Black material from 2 suppliers from flexibility point of view considering import hurdles like transit time , availability etc. Besides using PE 100 Black material from Fina , we also use PE100 Black material from Boreague , UAE ; which is a sister concern of Borealis. Same is acceptable to other Gas Companies like IGL, Gail, MGL etc	Boreague is acceptable. Please submit credentials of Boreague along with the Bid offer for the approval of BGL/TEPL

Handwritten signature: J. Subbaraj
26/8/2011

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Sl. No.	Vol. No./Section	Tender Page No.	Clause No /Description	Bidder's Query	Clarification by TE-IN/BGL
3	Volume II of II Quality Assurance Plan MDPE Ball Valve	200022 & 200023	Quality Assurance Plan MDPE Valves : Clauses No : 3,5,6,7,8,11 Hydro Static Strength Impact Strength Tensile strength for butt fusion pressure drop Hydro Static Strength Impact Strength Tensile strength for butt fusion pressure drop Running torque Initiating torque Impact Strength pressure drop Dimensional Check	For products manufactured in overseas units, the scope of Inspection should be Review of Test Certificates of Manufacturer. For all the products manufactured by us in India , the testing can be conducted by a third party inspection agency in the factory as per approved QAP (EN 1555 Part 38.7) . For the products that are manufactured in our overseas units, the scope of the inspection to be limited to only review of the respective manufacturer's test report as test benches & facilities are not available for such large sizes in India. This proposal is always accepted by other gas companies like IGL, AGL, MGL etc.	Tender condition prevails.
4	Volume II of II General technical specification (Fitting)	200037	Clause No 6.6 : Support Drilling Equipment	Our Tapping Tee's are provided with a lower & upper stop to support & restrict the cutter travel beyond certain extent & finally a Cap to avoid leakage (if any).	Tender condition prevails
5	Volume II of II General technical specification (Fitting)	200037	Clause No 6.6 : Branching support and Saddle load loss under low pressure	Our Tapping Tee's are provided with a lower & upper stop to support & restrict the cutter travel beyond certain extent & finally a Cap to avoid leakage (if any).	Tender condition prevails
6	Volume II of II GTS- PE valves for natural gas distribution underground network	200073	Clause No 10.: Guarantee: The manufacturer will extended his guarantee for each part for 10 years after production . This guarantee period is valid if the parts are kept in proper condition and in the original packing	Guarantee/ Warranty Clause should be i.e. 1 year from Date of Installation or 2 years from the date of manufacturing. Gas Industry generally follows this Guarantee/ warranty standard, which is reasonable & practical.	Guarantee/Warranty Clause will be as per Clause No 18.0 of Special Conditions of Contract (SCC) of Commercial Volume I of II. Please refer to the same.
7	Volume II of II GTS- PE valves for natural gas distribution underground network	200076	Annexe A Dimension for extension spindle: Stem extension height from surface of pipe is 700 mm	The stem extension height from the surface of the pipe is different, for different sizes of Ball valve. 1. 32 mm - 839 mm 2. 63 mm - 849 mm 3. 90 mm - 880 mm 4. 110 mm - 870 mm 5. 125mm - 863 mm 6. 160 mm - 875 mm 7. 180 mm - 865 mm 8. 200 mm - 855 mm	Only for 32mm size PE Ball Valves; extended stem is not required. All 32mm size PE Ball Valves are to have 110 mm size HDPE PE 100 Sleeve covering the stem for mechanical protection. For 63mm and above sizes , all PE Ball Valves should be provided with extended stem of 690mm height as per Tender specifications. For 63mm & above sizes PE Ball Valves HDPE PE 100 Sleeve covering the stem enclosure is not required.
8	Volume II of II GTS- PE valves for natural gas distribution underground network	200076	Annexe A PP/PE protective casing	Please include PVC for Protective casing. PVC is sturdy & have good mechanical & chemical properties	Tender condition prevails
9	Volume II of II PTS-MDPE Valve Fittings			Stem extension should be either integral or retrofittable. Integral Stem extension is design specific for a particular manufacturer. Design for stem extension given in tender is not same as ours. But the objective is very well served by our design. Drawing attached.	Stem extension to be provided should be integral type for all sizes of PE Ball Valves except for 32mm dia PE Ball Valves. For 32mm only no stem extension is required but 110 mm size HDPE PE 100 Sleeve covering the stem for mechanical protection is to be provided.

Approved: *Raj*
 26/8/2011