TO: ACCOUNTING OFFICERS OF ALL NATIONAL DEPARTMENTS AND CONSTITUTIONAL INSTITUTIONS

ACCOUNTING OFFICERS OF ALL MUNICIPALITIES AND MUNICIPAL ENTITIES

ACCOUNTING AUTHORITIES OF ALL SCHEDULE 2 AND 3 PUBLIC ENTITIES

HEAD OFFICIALS OF PROVINCIAL TREASURIES

INVITATION AND EVALUATION OF BIDS BASED ON A STIPULATED MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT FOR VALVES PRODUCTS AND ACTUATORS

1. PURPOSE

1.1 The purpose of this instruction is to regulate the environment within which Accounting Officers (AOs) and Accounting Authorities (AAs) may procure valves products and actuators which have been designated as a sector for local production and content.

2. BACKGROUND

2.1 The Preferential Procurement Regulations, 2011 ("the Regulations") issued in terms of Section 5 of the Preferential Procurement Policy Framework Act, 2000 (Act No 5 of 2000) which came into effect on 7 December 2011, make a provision for the Department of Trade and Industry (the dti) to designate sectors in line with the national development and industrial policies for local production.

2.2 Regulation 9 (1) of the Regulations prescribes that, in the case of designated sectors, wherein the award of bids for local production and content is of critical importance, such bids must be advertised with a specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.

2.3 The dti has designated and determined the stipulated minimum threshold for Valves products, Manual actuators (Gearbox) and Pneumatic actuators for local production and content.

3. SECTOR DESIGNATION

3.1 The stipulated minimum threshold percentage for local production and content for the different types of valves products, manual actuators (Gearbox) and pneumatic actuators is 70%.
To ensure that local production and content is discharged on manufacturing activities, the following valves products, manual actuators (Gearbox) and pneumatic actuators which have been designated must be included in bid invitations:

<table>
<thead>
<tr>
<th>Types of Valves</th>
<th>Pressure type</th>
<th>Size</th>
<th>Pressure Rating (or imperial equivalent)</th>
<th>% Local Content per unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check Valves</td>
<td>Low pressure</td>
<td>80mm-3500mm</td>
<td>PN6-PN25</td>
<td>70%</td>
</tr>
<tr>
<td>(Non-Return Valves, Reflux Valves, Tilting Disk Valves Double Door, Multi Door, Swing Check)</td>
<td>High pressure</td>
<td>80mm-2500mm</td>
<td>Class 150 -1500 Metric PN25 - PN250</td>
<td>70%</td>
</tr>
<tr>
<td>Butterfly Valves</td>
<td>Low pressure</td>
<td>80mm-3500mm</td>
<td>PN6-PN25</td>
<td>70%</td>
</tr>
<tr>
<td>(Rotating Disk Valves, Rotary Control Valve, Quarter Turn Gate Valve)</td>
<td>High pressure</td>
<td>80mm-3500mm</td>
<td>Class 150 -1500 Metric PN25 - PN250</td>
<td>70%</td>
</tr>
<tr>
<td>Ball Valves</td>
<td>Low pressure</td>
<td>20-300mm</td>
<td>PN10-PN25</td>
<td>70%</td>
</tr>
<tr>
<td>(Spherical Valves, Rotary Valves)</td>
<td>High pressure</td>
<td>20-600mm</td>
<td>Class 150 - 4500 Metric PN25 - PN450</td>
<td>70%</td>
</tr>
<tr>
<td>Gate Valves</td>
<td>Low pressure</td>
<td>15mm-1800mm</td>
<td>PN6 - PN25</td>
<td>70%</td>
</tr>
<tr>
<td>(RSVs, Wedge Gates, Sluice Valves, Parallel Slides, Penstocks, Bonnet Gates, Scour Valves)</td>
<td>High pressure</td>
<td>80mm-1800mm</td>
<td>Metric PN 25 - PN100</td>
<td>70%</td>
</tr>
<tr>
<td>Diaphragm Valves</td>
<td>Low pressure</td>
<td>15mm-350mm</td>
<td>PN10, PN16 &amp; PN 25</td>
<td>70%</td>
</tr>
<tr>
<td>(Slurry Valve or Saunders Valve)</td>
<td>High pressure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knife Gate Valves</td>
<td>Low pressure</td>
<td>50-200mm</td>
<td>PN10 &amp; PN16</td>
<td>70%</td>
</tr>
<tr>
<td>Safety or Relief Valves</td>
<td>Low pressure</td>
<td>15mm-32mm</td>
<td>PN16</td>
<td>70%</td>
</tr>
<tr>
<td>(Pressure Valve or Vacuum Valve)</td>
<td>High pressure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taps, Cocks</td>
<td>Low pressure</td>
<td>Full range</td>
<td>N/A</td>
<td>70%</td>
</tr>
<tr>
<td>Pneumatic actuators - Double acting</td>
<td>Low pressure</td>
<td>~392 000nm torque</td>
<td>N/A</td>
<td>70%</td>
</tr>
<tr>
<td>(Vein type, Linear Type, Scotch Yolk Type, Rotary Type, Double Crank Type, Rack &amp; Pinion Type)</td>
<td>High pressure</td>
<td>~215 000nm torque</td>
<td>N/A</td>
<td>70%</td>
</tr>
<tr>
<td>Pneumatic actuators - spring return</td>
<td>Low pressure</td>
<td>~215 000nm torque</td>
<td>N/A</td>
<td>70%</td>
</tr>
<tr>
<td>(Vein type, Linear Type, Scotch Yolk Type, Rotary Type, Double Crank Type, Rack &amp; Pinion Type)</td>
<td>High pressure</td>
<td>~392 000nm torque</td>
<td>N/A</td>
<td>70%</td>
</tr>
<tr>
<td>Manual actuators (Gearboxes)</td>
<td>Low pressure</td>
<td>~230 000nm torque</td>
<td>N/A</td>
<td>70%</td>
</tr>
<tr>
<td>Fire Hydrants</td>
<td>Low pressure</td>
<td>65mm inlet</td>
<td>PN16</td>
<td>70%</td>
</tr>
<tr>
<td>(Underground/Fire Deluge Valve)</td>
<td>High pressure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Types of Valves</td>
<td>Pressure type</td>
<td>Size</td>
<td>Pressure Rating (or imperial equivalent)</td>
<td>% Local Content per unit</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>---------------</td>
<td>----------------</td>
<td>------------------------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Pressure Reducing Valve (PRV)</td>
<td>Low pressure</td>
<td>Full range</td>
<td>Full range</td>
<td>70%</td>
</tr>
<tr>
<td>(Self-Regulating Valve)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Valves (excluding expanding plug valves)</td>
<td>Low pressure</td>
<td>20-600mm</td>
<td>PN10-PN26</td>
<td>70%</td>
</tr>
<tr>
<td>(Double Block &amp; Bleed Valve)</td>
<td>High pressure</td>
<td>20-600mm</td>
<td>PN25-PN100</td>
<td></td>
</tr>
<tr>
<td>Control valve (Globe Control Valve,</td>
<td>Low pressure</td>
<td>25-600mm</td>
<td>PN10-PN25</td>
<td></td>
</tr>
<tr>
<td>Piston Type Control Valve)</td>
<td>High pressure</td>
<td>25-600mm</td>
<td>Class 150 -4500 Metric PN25 - PN750</td>
<td></td>
</tr>
<tr>
<td>Air valve (Vacuum release valve)</td>
<td>Low pressure</td>
<td>50-300mm</td>
<td>PN10-PN25</td>
<td></td>
</tr>
<tr>
<td>Pinch valve (slurry valve)</td>
<td>High pressure</td>
<td>50-300mm</td>
<td>PN25-PN40</td>
<td></td>
</tr>
<tr>
<td>Disc valve</td>
<td>Low pressure</td>
<td>50-600mm</td>
<td>PN10-PN40</td>
<td></td>
</tr>
<tr>
<td>Sleeve valve (Fixed Cone Valves,</td>
<td>Low pressure</td>
<td>Full range</td>
<td>PN 10 - PN25</td>
<td></td>
</tr>
<tr>
<td>Discharge Valves, Scour valves, Howell Burger</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Valves Energy Dissipating Valve)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3.3 The minimum of 70% local content in the case of each individual Valve, Manual Actuator (Gearbox) and Pneumatic Actuator designated, must be made up of the following:

3.3.1 a combination of the use of locally produced and certified castings, forgings and/or fabrications, and

3.3.2 verifiable manufacturing activities that shall include as a minimum, machining, drilling, coating, assembling and testing of the valves in question.

3.4 The averaging out of local content either across any number of Valve and Gearbox/Actuator combinations, or locally made and imported Valves/Other items, is not allowable.

3.5 Each individual Valve, Manual Actuator (Gearbox) or Pneumatic Actuator is subject to the minimum of 70% Local Content threshold.

3.6 For further information, bidders and procuring state organs may contact the Metals Fabrication, Capital and Rail Transport unit within the dti at telephone 012 394 1356 or email Thandi Phelo at tphelo@thedti.gov.za.

3.7 Bid specifications for the valves products and actuators referred to above may be done in collaboration with the dti.

4. INVITATION OF BIDS FOR VALVES PRODUCTS AND ACTUATORS

4.1 Bids in respect of valves products and actuators must be advertised with a specific bidding condition that:
4.1.1. Only locally manufactured valves products, manual actuators (Gearboxes) and pneumatic actuators with a stipulated minimum threshold for local production and content will be considered.

4.1.2. If the quantity; input materials; and/or components of valves products and actuators required cannot be wholly sourced from South African (SA) based manufacturers to achieve the designated local content threshold of 70% on a fully-built valve and/or Manual Actuator (Gearbox) or Pneumatic actuator at any particular time, bidders should request and obtain written exemption from the dti. Such exemption applications should be submitted and approvals should be obtained prior to the closure of the bid(s) concerned. The dti, in consultation with the procuring organ of state and the local industry, will consider the exemption applications on a case-by-case basis and will consider the following:

- required volumes in the particular bid;
- available collective SA industry manufacturing capacity at that time;
- delivery times;
- availability of input materials and components;
- technical considerations including operating conditions; and
- materials of construction

4.1.3. Bidders must clearly indicate in their bids the quantities of designated Valves, Manual Actuators (Gearboxes) and Pneumatic Actuators to be supplied and the level of local content for each product

4.1.4. Organs of state may contact the dti in instances where the stipulated minimum threshold for local content cannot be met in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

4.2 AOs/AAs must stipulate in bid invitations that:

4.2.1. the exchange rate to be used for the calculation of local production and content must be the exchange rate published by the South African Reserve Bank (SARB) on the date of advertisement of the bid; and

4.2.2. only the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 must be used to calculate local content

4.3 The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the following formula which must be disclosed in the bid documentation:

\[ LC = \left( 1 - \frac{x}{y} \right) \times 100 \]

Where

- \( x \) is the imported content in Rand
- \( y \) is the bid price in Rand excluding value added tax (VAT)

- In the case of turnkey products/projects \( x \) and \( y \) will only refer to the designated Valve Products, Manual Actuators (Gearboxes) and Pneumatic Actuators in the project – refer to Clause 3.1 above
- Prices referred to in the determination of \( x \) must be converted to Rand (ZAR) by using the exchange rate published by the SARB on the date of advertisement of the bid.

4.4 AOs/AAs must clearly stipulate in the bid documentation that the SABS approved technical specification number SATS 1286:2011 and the Guidance on the Calculation
of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)] are accessible to all potential bidders on the dti’s official website http://www.thedti.gov.za/industrial-development/ip.jsp at no cost.

4.5 For the purpose of paragraphs 4.1, 4.2 and 4.3 above, the attached Declaration Certificates for Local Production and Content (SBD/MBD 6.2) must form part of the bid documentation. The SBD 6.2 is for use by all national and provincial departments, constitutional institutions and public entities listed in schedules 2, 3A, 3B, 3C and 3D to the Public Finance Management Act whilst the MBD 6.2 is for use by all municipalities and municipal entities to which the Municipal Finance Management Act (MFMA) apply.

4.6 AOs/AAs must stipulate in the bid documentation that:

4.6.1 the Declaration Certificate for Local Production and Content (SBD / MBD 6.2) together with the Annex C (Local Content Declaration: Summary Schedule) must be completed, duly signed and submitted by the bidder at the closing date and time of the bid; and

4.6.2 the rates of exchange quoted by the bidder in paragraph 4.1 of the Declaration Certificate will be verified for accuracy.

5. EVALUATION OF BIDS FOR VALVES PRODUCTS AND ACTUATORS

5.1 A two stage evaluation process may be followed to evaluate the bids received.

5.1.1 First stage: Evaluation in terms of the stipulated minimum threshold for local production and content

(a) Bids must be evaluated by line item (no averaging allowed) in terms of the minimum threshold stipulated in the bid documents.

(b) The declaration made by the bidder in the Declaration Certificate for Local Content (SBD / MBD 6.2) and Annex C (Local Content Declaration: Summary Schedule) must be used for this purpose. If the bid is for more than one product (i.e. more than one valve type, size or pressure rating or different model of Manual Actuator (Gearbox) or Pneumatic Actuator, the local content percentages for each product contained in Annex C must be used.

(c) The amendment of the stipulated minimum threshold for local production and content is not allowed.

(d) AOs / AAs must verify the accuracy of the rates of exchange quoted by the bidder in paragraph 4.1 of the Declaration Certificate for Local Content (SBD / MBD 6.2)

5.1.2 Second stage: Evaluation in terms of the 80/20 or 90/10 preference point systems

(a) Only bids that achieve the minimum stipulated threshold for local production and content may be evaluated further. Unless otherwise exempted by the Minister of Finance, the evaluation must be done in accordance with the 80/20 or 90/10 preference point systems prescribed in Preferential Procurement Regulations, 2011.

(b) AOs/AAs must ensure that contracts for valves products and actuators / components are awarded at prices that are market related taking into account, among others, the dti’s pre-determined benchmark prices, value for money and economies of scale.

(c) Where appropriate, prices may be negotiated with short listed or preferred bidders. Such negotiations must not prejudice any other bidders.
5.2 Benchmark / market related prices

5.2.1 AOs/As are required to ensure that reasonable or market related prices are secured for the valves, manual actuators (Gearbox) and pneumatic actuators being procured taking into account factors such as benchmark prices, value for money and economies of scale.

5.2.2 For this purpose, AOs/As may approach the dti for assistance, where possible, with benchmark prices for the different classes and components of valves products and manual actuators (Gearbox) and pneumatic actuators that have been designated for local production and content. The dti will be in a position to provide price references for the different products that have been designated for local production and content.

6. EVALUATION OF BIDS BASED ON FUNCTIONALITY

6.1 Whenever it is deemed necessary to evaluate bids on the basis of functionality, the prescripts contained in regulation 4 of the Preferential Procurement Regulations, 2011 and paragraphs 6 and 11 of the Implementation Guide must be followed.

7. POST AWARD AND REPORTING REQUIREMENTS

7.1 Once bids are awarded, the dti must be:

7.1.1 notified of all the successful bidders and the estimated value of the contracts; and

7.1.2 provided with copies of the contracts, the SBD/MBD 6.2 Certificates together with the Declaration C submitted by the successful bidders.

7.2 The purpose of the requirements of paragraph 7.1 above is for the dti to among others conduct compliance audits with a view to monitor the implementation of the industrial development strategies.

7.3 Contractors must not be allowed to sub-contract in such a manner that the local production and content of the individual products is reduced to below the stipulated minimum threshold.

7.4 Where, after the award of a bid, contractors experience challenges in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

8. CONTACT INFORMATION

8.1 Any enquiries in respect of Local Production and Content and all documents to be submitted to the dti must be directed as follows:

The Department of Trade and Industry
Private Bag X84
Pretoria
0001
For Attention:
Dr Tebogo Makube
Chief Director: Industrial Procurement
Tel: (012) 394 3927
Fax: (012) 394 4927
EMAIL: TMakube@thedti.gov.za
9. APPLICABILITY

9.1 This instruction applies to all national and provincial departments, constitutional institutions; public entities listed in schedules 2 and 3 to the PFMA, and, municipalities and municipal entities to which the MFMA apply.

10. DISSEMINATION OF INFORMATION CONTAINED IN THIS INSTRUCTION

10.1 Heads of provincial treasuries are requested to bring the contents of this instruction to the attention of Accounting Officers and supply chain management officials of their respective provincial departments.

10.2 Accounting Officers of national and provincial departments are requested to bring the contents of this instruction to the attention of Accounting Authorities and the supply chain management officials of Schedule 3A and 3C public entities reporting to their respective executive authorities.

10.3 Accounting Officers of municipalities and municipal entities are requested to bring the contents of this instruction to the attention of the supply chain management officials of their municipalities and municipal entities.

10.4 Accounting Authorities of Schedule 2, 3B and 3D public entities are requested to bring the contents of this instruction to the attention of the supply chain management officials of their public entities.

11. NOTIFICATION TO THE AUDITOR-GENERAL

11.1 A copy of this instruction will be forwarded to the Auditor-General for notification.

12. REPEAL OF INSTRUCTION DATED 6 FEBRUARY 2014

This instruction repeals instruction on invitation and evaluation of bids based on a stipulated minimum threshold for local production and content for Valves products and actuators dated 6 February 2014 and effected on 3 March 2014

13. AUTHORITY FOR THIS INSTRUCTION AND EFFECTIVE DATE

13.1 This instruction is issued in terms of Regulation 9(2) of the Preferential Procurement Regulations, 2011 and takes effect from 18 February 2016.

CONTACT INFORMATION

Ms Leanda Kleinbooi
Director: SCM Policy
Tel No: 012 315 5715
E-mail: Leanda.Kleinbooi@treasury.gov.za

KENNETH BROWN
CHIEF PROCUREMENT OFFICER
DATE: 11/02/2016