

Annexure A:

City of Tshwane Demand Statement Divisional Head Supply Chain Management (SCM)

- Calling for Innovative Supply Solutions -



We are now being specific of what exactly are we demanding from the suppliers to provide us as the city.

SFA1-Resource Efficiency and Clean Production (RECP)

- Circular Economy – Re-cycling, Re-used, Etc:

I-Sustainable Energy: Energy Management and Efficiency Solutions (Intensity Targets) e.g. Renewable Energy Technology-Solar Geysers, SOLAR PV...

II-Low Carbon Mobility

- Seamless Multimodal Transportation.
- Clean Technology for Bio-ethanol and Biodiesel – Feedstock & Production (Supply)
- Regeneration Technology (Energy Storage Technology)/Electric Vehicles
- Traffic Management i.e. Metro – Tow Trucks vs. Fast Vehicles
- Road to Rail initiatives with TRF, Etc.

III-Water:

- Water – Management – drive to eliminate Leaks – community activism & metering/real time digital reporting technology
- Water Collection – Incentives for Business and Households
- Water Bodies/Wetland Rehabilitation “Adopt a River Concept”: Constructed Wetland for Natural Treatment
- Water Treatment Technology,

IV-Waste to Value:

- Reducing Organic Waste to Landfill, utilizing Innovative ESD-Business Model and New Technology
- Recycling @Separating Source – community activism

V-Agriculture & Agro Processing – Co-operatives:

- Hydro/Aqua Phonic Fresh Produce Production Facilities
- Agricultural Incubators (Capacity Building - Skills, Technology, Coaching, Mentoring, linking to Demand)
- Composting of Organic Waste vs. to Landfill

VI-Stakeholder Engagement & Active Citizenry

VII-Other Broader Sustainable City Transformation Areas:

A-Capacity Building

- *Green Eco – Skills Training
- *Coaching & Mentoring
- *Corporate Demand - Partnering with key suppliers & SME’s in the Value Chain

B-Digital Transformation:

- *Smart Wi-fi-Connectivity Solutions - Fiber, / Satellite Technology

C-Innovative Concepts Alternative Revenue sources like:

- Eco-Tourism
- Re-cycle Copper in off current communication lines, as we are replacing with Fiber – IOT 4.0