

CLARIFICATION AND RESPONSES - APPOINTMENT OF A SERVICE PROVIDER FOR PURPOSES OF UNDERTAKING A COMPREHENSIVE BANKABLE FEASIBILITY STUDY FOR THE REQUIRED BULK AND RETICULATION INFRASTRUCTURE (WATER, SANITATION, ELECTRICITY, WASTE MANAGEMENT, ROADS AND STORMWATER), FOR THE NKUNA CITY SMART TOWN AND ADJACENT VILLAGES.

1. Project definition, study boundary and beneficiaries

- 1.1. Please provide the approved study boundary, including the Nkuna City property, adjacent villages, municipal boundaries, [Kindly refer to the attached document], servitudes and existing and proposed infrastructure corridors [Please clarify what type of corridors these are]
- 1.2. Please provide the final list of adjacent villages included in the study [The attached study area clarifies the enquiry] , with current and projected population, households and service levels for each village [Please refer to the SDFs of the participating municipalities].
- 1.3. Please confirm whether forecasts must include Nkuna City, adjacent villages, settlements along infrastructure routes, informal or unproclaimed areas and future municipal, industrial and commercial growth. [Kindly focus specifically on the scope of work]

2. Existing information, data room and reliance

- 2.1. Please identify all concurrent studies and consultants, their scopes, delivery dates and interfaces with this assignment. [Technical feasibility studies for most of the projects are in place. Municipalities are currently undertaking studies for the outstanding projects that have been included in the RFP. These studies will be made available to the successful SP for review in accordance with the RFP requirements]
- 2.2. Please confirm whether editable native files will be provided for GIS, CAD, hydraulic models, electrical studies, cost estimates, financial models and programmes. [To be discussed during the mobilisation/inception phase of the contract]

3. Engineering maturity, design review and cost estimate

- 3.1. Please confirm whether the design review is a desktop due-diligence exercise or requires independent recalculation, modelling and verification. (To be reviewed in line with the RFP requirements)
- 3.2. Please confirm whether the consultant must assume professional responsibility for third-party designs or provide an independent review opinion only. (To review and provide an independent opinion)

- 3.3. Please confirm whether climate-change allowances must be applied to water security, rainfall, flood, heat, drought, energy and asset-resilience assessments. (Not applicable)

4. Water resources and water infrastructure

- 4.1. Please identify the existing and proposed water sources and schemes to be assessed. (The scope focusses on construction related works, bulk pipeline, and not assessment of water sources)
- 4.2. Please confirm whether a new water-resource yield, reconciliation or water-balance study is required. (Not applicable)
- 4.3. Please confirm whether hydrocensus, groundwater exploration, geophysics, drilling, test pumping and water-quality sampling are included. (Not applicable)
- 4.4. Please confirm whether the scope includes raw-water infrastructure, treatment works, pipelines, pumps, reservoirs, reticulation, metering, pressure management, backup power, telemetry and property connections. (Bulk water pipeline only)

5. Sanitation and wastewater (The scope focusses on construction related works, bulk pipeline, and not assessment of water sources)

- 5.1. Please identify the existing sanitation systems and wastewater-treatment works proposed to serve the project. (not applicable)
- 5.2. Please confirm whether both waterborne and decentralised or non-sewered sanitation options must be assessed. (not applicable)
- 5.3. Please confirm whether the scope includes reticulation, outfalls, pump stations, rising mains, treatment works, reuse, sludge management, odour control, backup power and telemetry. (not applicable))

6. Roads, transport and stormwater

- 6.1. Please define the limits of the public roads and stormwater elements and confirm whether internal Nkuna City networks are included. (Only external road network and related stormwater management)
- 6.2. Please confirm whether new traffic counts and a traffic-impact assessment are required and define the assessment years and scenarios. (Not applicable)
- 6.3. Please confirm whether road-authority approvals and access applications must be obtained or only identified. (To be identified only in instances where they have not been obtained)
- 6.4. Please confirm whether topographical survey of all proposed road and stormwater corridors is included. (Surveys already done)

- 6.5. Please confirm whether catchment delineation, hydrological and hydraulic modelling, flood mapping, erosion, stormwater quality and sustainable drainage assessments are required. (Not applicable)
- 6.6. Please confirm whether bridges, major culverts, river crossings, pedestrian facilities, public transport, street lighting and road-safety measures are included. (Included to the extent necessary)

7. Electricity and smart infrastructure

- 7.1. Please identify the licensed electricity distributor for Nkuna City and each adjacent village. (Eskom)
- 7.2. Please confirm whether a formal Eskom or distributor grid-capacity and connection study is required and who bears utility charges. (Study already done by the appointed consultants)
- 7.3. Please confirm whether the scope includes bulk supply, substations, MV and LV reticulation, street lighting, metering, telecommunications, SCADA, backup generation, solar PV, battery storage and microgrids. (Bulk supply only)
- 7.4. Please confirm whether renewable-energy and embedded-generation options must be assessed. (Not applicable)

8. Solid waste management

- 8.1. Please advise whether the scope of work covers waste collection only or also transfer, recovery, recycling, treatment and disposal infrastructure. (Yes, it does)
- 8.2. Please confirm whether a new waste-generation and characterisation study is required. [Not applicable]
- 8.3. Please confirm whether recycling, composting, anaerobic digestion, waste-to-energy and regional disposal options must be assessed. [Not applicable]

9. Surveys and physical investigations

- 9.1. Please confirm whether aerial or drone survey, ground survey, cadastral survey, service detection, trial pits, geotechnical drilling, materials investigations, floodplain survey, wetland delineation, sampling and traffic counts are included. (Not applicable. Scope is to review the work that municipalities have already done)
- 9.2. Please confirm whether community liaison and local guides will be provided for fieldwork. (Municipalities and Masingita to facilitate)
- 9.3. Please clarify whether investigation subcontractors count towards the 25% subcontracting limitation. (To be aligned with the minimum requirements in terms of the applicable regulatory framework)

10. Capital costs, ownership and financial interfaces

- 10.1. Please provide the basis for the determination of the project's capital costs, base date and accuracy of the stated R1.476 billion infrastructure budget – was an engineering costing study completed? (Costing already done by participating municipalities)
- 10.2. Please reconcile the R1.4 billion estimate, the reference to R1 billion, the R1.476 billion table and the approximately R900 million external bulk infrastructure note. (IFISA team to respond)
- 10.3. Please confirm whether all cost estimates must be independently rebuilt from quantities and rates or only benchmarked and validated. (To be reviewed, benchmarked and validated)

11. Programme, governance, consultation and BFI submission

- 11.1. Please confirm that the 12-month duration includes mobilisation, data collection, investigations, consultations, reviews, revisions, approvals and BFI submission and approvals. (Yes)
- 11.2. Please state the number and expected duration of workshops, PSC meetings, municipal presentations, site visits and stakeholder engagements to be included. (To be proposed by bidder based on the project delivery scope)

12. Pricing, reimbursables, contingency and payment

- 12.1. Please confirm whether surveys, investigations, authority fees, laboratory testing, utility charges, venues, printing and local travel must be included in the lump sum. (this items are not part of the pricing and will be covered within the contingency budget)
- 12.2. Please confirm whether the prescribed 10% contingency is added to the bidder tender sum or deemed included in the employer budget. (Please quote as per the pricing structure provided)
- 12.3. Please clarify the pricing schedule total, as the listed base deliverables appear to total 90% before the 10% contingency. (Please follow the pricing schedule in Table 4 of the TORs)
- 12.4. Please clarify whether the inception-report item requires completion or preliminary treatment of scoping, design review, land, regulatory and governance work. (Please refer to 7.1.1 to 7.1.4 on the expectations for the inception report)
- 12.5. Please confirm the contractual mechanism for additional investigations or services identified after inception – e.g. if a Geotech investigation is required. (Any scope of work not covered will be subject to a variation of contract at the discretion of the employer and subject to SCM approval processes)

- 12.6. Please confirm whether provisional sums may be stated for uncertain third-party investigations and statutory charges. **.(Any scope of work not covered will be subject to a variation of contract at the discretion of the employer and subject to SCM approval processes)**

13. General functionality scoring methodology

- 13.1. Please clarify the treatment of candidates with exactly 5, 10 or 15 years of experience, as the stated inequalities create gaps. **(there are no gaps, all the years are clearly stated. please relook at the evaluation criteria closely)**
- 13.2. Please confirm how overlapping employment and project periods are counted. **(this will be counted in line with the functional criteria)**
- 13.3. Please confirm whether part-time, advisory, joint-venture, consortium and subconsultant experience is accepted and what evidence is required. **(please refer to the relevant section addressing this in the tender documents)**

14. Eligibility of mandatory experts

- 14.1. Please confirm if bidders can add an additional Expert to act as Project Manager. **(This is the bidder's election, but will not be considered for evaluation purposes)**
- 14.2. Please confirm if the Project Manager referred to in 14.1 can perform other roles in the project (i.e., Municipal Finance Expert, Legal Expert, etc.). **(Please refer to response in 14.1)**
- 14.3. Please confirm whether the Civil Engineering Technical Expert must also be the Lead Technical Expert and single point of accountability. **(Bidder to decide who the Lead should be)**
- 14.4. Please specify the acceptable professional body and registration category for the Town Planner. **(Must be a relevant and recognised professional body)**

15. Bidder experience criterion

- 15.1. Please clarify whether bidder experience is limited to bulk water and reticulation or includes all listed sectors: water, sanitation, electricity, waste, roads and stormwater. The Functionality table, item 1.1 states that "Only projects in the bulk water and reticulation sector specified above will be considered". **(All listed disciplines) @Vusi SCM: Please distribute an erratum**
- 15.2. Please confirm whether pre-feasibility studies, bankable feasibility studies, business cases, master plans, technical due diligence and investment plans will qualify for project experience. **(Bidder to focus on the functionality requirements)**

- 15.3. Please confirm whether projects for private developers, DFIs, SOEs and national or provincial departments will qualify for project experience. (Provided that they comply with the bid requirements)
- 15.4. Please confirm whether the entity leading the bid must be the entity demonstrating experience or will the experience of combined entities in a JV, consortium or sub-consulting arrangement qualify for project experience. (Combined experience will be considered)
- 15.5. Please confirm whether framework task orders count individually or as one contract. (it will be regarded as 1 contract)
- 15.6. Please confirm whether international experience qualifies and prescribe the exchange-rate source and conversion date. (Yes, the current exchange rate can be used for conversion)
- 15.7. Please confirm whether one reference letter may verify multiple separately identified projects. (Each project to have its own reference letter)

16. Civil and electrical expert functionality

- 16.1. Please confirm whether civil experience in sanitation, roads and stormwater is recognised in addition to bulk water and reticulation (for the Civil Technical Expert). (Yes, it is recognised)
- 16.2. Please confirm whether feasibility, due diligence, master planning and preliminary design count as engineering design. (Not counted)
- 16.3. Please define qualifying electrical experience and whether only municipal bulk supply and reticulation will be considered. (Not only municipal bulk supply, although preferred)
- 16.4. Please confirm whether renewable energy, substations, transmission, distribution, storage, street lighting and building services qualify for electrical experience. (Not relevant to the criteria)
- 16.5. Please confirm whether electrical feasibility, master planning, due diligence and design review qualify for electrical experience. (Yes, only feasibility study qualifies)

17. Methodology and approach criterion

18. CVs, project schedules and supporting evidence

- 18.1. Please confirm whether the Appendix A CV template is mandatory or recommended (the ToRs state that "bidders are encouraged to utilise the Curriculum Vitae (CV) standard template provided in Appendix A"). In other words, will bidders be disqualified for using different CV formats? (the CV template is recommended and compulsory)

18.2. Please confirm whether CVs must be signed by the expert and the bidder. (No, the CV does not need to be signed. The DBSA however reserves the right to verify any information prior to appointment).

19. Additional studies and scope classification

19.1. Please confirm whether the following are required within the fixed fee, by another consultant, as provisional sums, or as additional services:

- Integrated infrastructure baseline and gap assessment; (no necessary)
- GIS beneficiary study; (Not required)
- Population and demand forecasts; (This information already exist and can be obtained from the municipal Spatial Development Framework)
- Development phasing and uptake study. (To be undertaken by the Client).