



Sci-Bono Discovery Centre

**REQUEST FOR QUOTATION
RE-ADVERTISEMENT
UPGRADE THE EXISTING WATER TANK AND RE-DIRECT WATER HARVESTED
FROM THE TANK FOR FLUSHING OF WATER CLOSETS AND URINALS; A FURTHER
INVESTIGATION TO CLEAN HARVESTED WATER TO BE SAFE FOR HUMAN
CONSUMPTION.**

1. RFP SUMMARY DETAILS

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|---|---|
| RFP N° | RFQ : CS/SCM/FAC/R19-20/21-Re-Advertisement |
| RFP FOR | Re-Advertisement Upgrade the existing water tank and re-direct water harvested from the tank for flushing of water closets and urinals; a further investigation to clean harvested water to be safe for human consumption. |
| ADVERTISEMENT DATE | 18 June 2020 |
| COMPULSORY BRIEFING | 29 June 2020 at 11H00 AM @ SCI-BONO |
| SUBMISSION DATE | 08 July 2020 @ 12:00PM @ SCI-BONO |
| RFQ TO BE SUBMITTED IN HARD COPY TO: | Corner Miriam Makeba & Helen Joseph Street, Newtown, Johannesburg, 2017 |
| RFQ VALIDITY PERIOD | 90 Days |

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2. ABOUT SCI-BONO DISCOVERY CENTRE

- 2.1 Sci-Bono Discovery Centre is the national flagship science Centre in South Africa and the largest and most visited science Centre in Southern Africa. Located in the historic, century-old Electric Workshop in the cultural precinct of Newtown Johannesburg, Sci-Bono annually receives hundreds of thousands of visitors to its large collection of interactive science and technology exhibits and exhibitions.
- 2.2 Sci-Bono started in 2004 as a partnership between the Gauteng Department of Education (GDE) and various private sector partners. Its supports mathematics, science and technology education in order to help build South Africa's science engineering, mathematics and technology capacity.
- 2.3 It also works with the Department of Science and Technology (DST) and the South African Agency for Science and Technology Advancement (SASTA), to promote interest and awareness in the fields of science, technology, engineering and mathematics and is a core member of the Southern African Association of Science and Technology Centers.
- 2.4 The activities and exhibitions we run and host at Sci-Bono are guided by its Vision: Sci-Bono envisions a society with the capacity to **compete** in the global world of science and technology and that is **equipped** with the skills, attitudes and values needed to **improve** the quality of life of all South Africans.
- 2.5 The Centre supports Science, Technology, Mathematics and related subjects to help build South Africa's Science, Engineering and Technology capacity. The Sci-Bono Discovery Centre, where visitors can engage with the NPO's collection of interactive Science and technology exhibits and exhibits also offers a broad programme of Science and Technology events, activities and programmes for schools, and the public at large.
- 2.6 Sci-Bono is one of the most popular leisure and educational destinations in Gauteng. The science centre endeavors to remain relevant to its patrons by bringing them once and again intriguing scientific content through internationally renowned travelling exhibitions and exhibits. In 2013 and 2016, Sci-Bono hosted the Body Worlds Travelling International

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Exhibition, which was well received and saw Sci-Bono receive record setting footfall through the science centre doors.

2.7 Sci-Bono through its goals, works towards achieving this mission by:

2.7.1 Improving the teaching and learning of Mathematics, Science and Technology in Gauteng

2.7.2 Providing Career Education to learners and youth in Gauteng

2.7.3 Providing skills development opportunities for young people

2.7.4 Promoting and improving public awareness of and engagement with Science, Engineering and Technology.

2.8 To achieve these goals, Sci-Bono implements a wide range of activities and offers exhibitions, for learners, teachers and the public at its centre in Newtown and through an extensive outreach programme to schools throughout Gauteng.

3. PURPOSE FOR THIS REQUEST FOR PROPOSAL (RFP)

3.1 To appoint a service provider to upgrade the existing water tank and re-direct water harvested from the tank for WC's and urinal flushing. Secondly, provision of a solution to clean harvested water to be suitable for human consumption.

4. SCOPE OF WORK

4.1 Analysis

4.1.1 Sci-Bono currently has a grey water harvesting and rain water harvesting plant which supplies the water closets and urinals of flushing water. The plant is not operational and untreated and rain water is discharged to storm water. Currently all water closets and urinals are connected to municipal water supply. The service provider is sourced to propose modifications or improvements that will make the plant operational and efficient.

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4.1.2 Design, commission such modifications or improvements.

The following modifications are to be considered:

- 4.1.2.1 Divert rain water to storm water.
- 4.1.2.2 Divert grey water to sewer.
- 4.1.2.3 Decommission and remove both water treatment plants from the plant room in the basement.
- 4.1.2.4 Scour the existing grey and rain water holding tank to sewer
- 4.1.2.5 Reroute the sub-soil water collection pumps to the harvesting water tank and install a mechanical type flow totalizer (municipal flow meter). Install an emergency overflow to storm water discharge point.
- 4.1.2.6 If the level does not allow for sufficient drainage to storm water, it may be required to move the panel tank to the ground level floor.
- 4.1.2.7 Install a filtration and disinfection step upstream of the water supply before water enters the tank.
- 4.1.2.8 Re-commission the existing high lift pump to supply the rooftop tanks with flushing water.
- 4.1.2.9 Re-commission the existing supply to the cisterns.

It is envisaged that modifications or improvements to be not less than 7200 L per day and 36 000 L per day.

4.1.3 Water quality is good however not suitable for drinking, a further investigation should be conducted to use this water for human consumption.

4.1.4 The installation must be compliant with the National Building Regulations, any other applicable legislation or Water Services By-Laws. All final plans should be approved by the City of Johannesburg before implementation.

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5 DURATION

N/A.

6 PROPOSED SELECTION CRITERIA

6.1 Functionality

Proposed Technical approach of the bidder;
Suitability of the proposed bidder and experience.

7 TERMS AND CONDITIONS/ INSTRUCTION FOR THE PROPOSAL

- 7.1 Sci-Bono can request further information from any service provider (s) after the closing date.
- 7.2 Sci-Bono reserves the right to cancel the bid or not to appoint any service provider (s).
- 7.3 Sci-Bono reserves the right to perform audits on the quality of processes/intervention methodology or approach utilized by the service provider, after the awarding of the service provider.
- 7.4 The service provider will always be appointed on the premise of a supplier-delivering-a-service relationship and not of an employer-employee relationship.

8 MINIMUM REQUIREMENTS

- 8.1 Bidders must supply Sci-Bono with the below-mentioned minimum requirements. Failing to provide these requirements may constitute automatic disqualification:

Suppliers must submit the following (Submit two envelopes as follows):

Envelope 1:

- 8.1.4 A Formal Written Quotation (clear & unambiguous; with VAT implications).

- Bidders are requested to provide an all-inclusive cost of this project assignment with the following clearly indicated:

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8.1.5 Quotation form downloadable from the Sci-Bono website.

Envelope 2:

8.1.6 Comprehensive proposal (including the project plan)

8.1.7 Proof of Company Registration

8.1.8 A valid Tax Clearance Certificate

8.1.9 B-BBEE certificate (SANAS) or Sworn Affidavit

8.1.10 Fully completed SBD forms (SBD 4, SBD 8, SBD 9) downloadable from the Sci-Bono website

8.1.11 An over the counter Stamped Letter Confirming Bank Details of the bidding entity

8.1.12 Proof of Business Address

8.1.13 Proof of CIDB grading (SO) for water supply and drainage for buildings (wet services, plumbing)

8.2 Bidders must further supply Sci-Bono Discovery Centre with at least two (2) contactable references where the bidder has delivered similar services. Reference letters demonstrating skills and expertise to undertake the contract; and

8.3 Contactable references by simply stating the following:

- Name of client
- Position
- Contact telephone numbers
- Dates and work performed
- Rand value of worked performed

8.4 The failure to provide the above may constitute a disqualification as it shall be deemed that the bidder does not have the required experience.

- 8.5 Bidders are reminded that the Sci-Bono will award the bid based on a bidder's total project cost and not hourly or daily rates. The bidder must ensure delivery of the project within the required timeframes stipulated in the terms of reference.

9 PRICING SCHEDULE AND DELIVERY

9.1 General Pricing Fee

- 9.1.4 The bidder must provide a clear and unambiguous price schedule (quotation).
- 9.1.5 All disbursements and related costs shall be provided separately, if any, and may be negotiated during the project implementation period.
- 9.1.6 Only unconditional discounts shall be accepted. All discounts granted must be specified on the Quotation Form.
- 9.1.7 Note that the price must be fixed and will not be subjected to change based on foreign exchange fluctuations.

9.2 Delivery

- 9.2.4 The delivery/provision of services shall be done at primarily at Sci-Bono Discovery Centre, Newtown, Johannesburg, Gauteng Province.

10 CONDITIONS FOR SHORT LISTING

- 10.1 Proposals submitted will be evaluated using a system Method 4 (Financial Offer, Quality and Preference) in line with Section 6.3 (Table 6.3.1: Standard Tender Evaluation Method) prescribed by Sci-Bono's Supply Chain Management Policy.
- 10.2 All bids shall be subjected to the preliminary evaluation process. Bidders who do not meet the minimum requirements (item 10) set by this RFP may automatically be disqualified and shall not be evaluated for functionality, price and preference.
- 10.3 Service providers are required to submit all documents specified on item 8.1; 8.2 and 8.3 of this RFQ, otherwise failure to submit all documents may constitute disqualification.

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11 TECHNICAL EVALUATION (COMPULSORY PRESENTATION)

- 11.1 All proposals / bids that will qualify (accepted) during the preliminary evaluation stage shall be evaluated for functionality or technicality. The **functionality evaluation criteria** shall be as follows:
- 11.2 Shortlisted service providers will be required to submit and present their proposal on a specified date.

12 PRICE EVALUATION

- 12.1 The proposals / bids shall be evaluated using the 80/20 preference point scoring system.

$$PS = 80 \left[1 - \frac{Pt - Pmin}{Pmin} \right]$$

Where:

Ps = Point scored for comparative price of bid under consideration;

Pt = Comparative price of bid under consideration; and

Pmin = Comparative price of the lowest acceptable bid.

13 POINTS FOR B-BBEE

- 13.1 An 80/20 preference points scoring system (B-BBEE points) shall apply and shall be awarded as follows:

| B-BBEE Status Level of Contributor | Number of points |
|---|-------------------------|
| 1 | 20 |
| 2 | 18 |
| 3 | 14 |
| 4 | 12 |
| 5 | 8 |
| 6 | 6 |
| 7 | 4 |
| 8 | 2 |
| Non-compliant contributor | 0 |

14 AWARD CRITERIA

14.1 The bidder with the total highest number of points for price and B-BBEE contribution shall be awarded the contract, unless objective criteria applied leads to an award to an alternative bidder.

14.2 In the event of two or more bids scoring equal points, the bid will be awarded to the bidder scoring the highest points on B-BBEE or preference.

14.3 However, in the event the two or more bids have equal B-BBEE points, the tender will be awarded to the bidder with the highest points for functionality, if applicable.

14.4 Qualifying proposals will be evaluated according to the following criteria:

- Price: 80%
- PDI / BEE rating 20%

15 CLOSING DATE AND TIME

- 15.1 Compulsory briefing will be held on 29 June 2020 @ 11:00AM, at Sci-Bono Discovery Centre.
- 15.2 Submissions should be delivered by hand (hardcopy) on or before 08 July 2020 at 12:00PM, deposited into the tender box marked **“UPGRADE THE EXISTING WATER TANK AND RE-DIRECT WATER HARVESTED FROM THE TANK FOR FLUSHING OF WATER CLOSETS AND URINALS; A FURTHER INVESTIGATION TO CLEAN HARVESTED WATER TO BE SAFE FOR HUMAN CONSUMPTION.”**; **“NO LATE PROPOSALS” shall be accepted.** Late proposals / bids shall be immediately returned to the bidders.
- 15.3 Shortlisted bidders will be invited to present their submissions to the Bid Evaluation Committee (BEC) on a date that will be communicated via email after the closing date.
- 15.4 All correspondences shall be done by e-mail tenders@sci-bono.co.za; no telephonic correspondences shall be done before and after the closing of bid. Consultants may be informed in writing of the outcome of the bid adjudication process.

16 DISCLAIMER

- 16.1 Sci-Bono reserves the right to accept or reject any variation, deviation, tender offer or alternative offer and may cancel the tender process and reject all tender offers at any time before the formation of a contract.
- 16.2 Sci-Bono reserves the right to award a contract to multiple service provider(s) should it be deemed necessary.
- 16.3 Sci-Bono reserves the right not to appoint a provider, to accept and/or award the whole or any portion of the tender, and is also not obliged to provide reasons for the rejection of any tender.
- 16.4 Sci-Bono will not incur any liability to a tenderer for such cancellation and rejection, but will give written reason for action upon request to do so.