



Request for Quotation (RFQ) for the supply of nine (9) UN compliant all-weather transportable, trailer mounted light-mast generator sets to the CSIR

RFQ No. 9361/18/02/2022

Date of issue	Friday, 4 February 2022
Closing Date and Time	Friday, 18 February 2022 at 16h30
Contact details	For submission of quotations or any other enquiries: tender@csir.co.za

1 INVITATION FOR QUOTATION

Supply nine (9) UN compliant all-weather transportable, trailer mounted light-mast generator sets.

2 QUOTATION REQUIREMENTS

Supply nine (9) UN compliant all-weather transportable, trailer mounted light-mast generator sets:

Description of goods, works/services:

1. Supply 9 (nine) UN compliant all weather transportable, all-weather trailer mounted light-mast generator with service sets delivery to CSIR Pretoria Campus, Brummeria.
2. Provide system operation and maintenance training for a maximum ten (10) SANDF personnel at CSIR Pretoria Campus, Brummeria.
3. Provision of a maintenance plan with any special tools required to maintain or repair any of the equipment being supplied with a ten (10) percent pool of material/spares for main items such as starter motors, alternators, injector's controllers, circuit breakers, DB box sockets and cable sockets etc must be tabled and supplied as part of a proposed maintenance plan.
4. A warranty of no less than one-year and if possible up to three years.

5. **Each UN compliant all-weather trailer mounted generator and light mast set consists of:**
- A diesel generator set capable to operate continuously for a minimum period of twelve (12) hours at a ninety-percent (90%) load at an altitude of 1 500 m with on board fuel capacity and provide a minimum output of seven kilowatt (7 kW) with a output voltage of 220VAC to 240VAC with an engine speed of one-thousand five-hundred revolutions per minute (1500 rpm) and is containerised (self-enclosed) with sound attenuated with a maximum of seventy Decibel A (70 dba) at seven (7) meters.
 - Only four (4) stroke liquid cooled engines will be accepted.
 - Main alternator must be a four (4) pole brushless alternator with insulation class H/IP23
 - KVA rating to be compensated for 1500 m above sea level
 - Provides at least one SANS compliant utility power outlet socket.
 - Working environment temperature to be minus twenty (-20) up to forty-five (45) degrees Celsius or better.
 - Generator control system must be Commercial off the Shelf (COTS) electronic controller with an emergency stop capability.
 - A security light segmented or telescopic mast must be fitted to the system that can be either hydraulic or manually controlled with a height of nine meters (9 m) when deployed, supporting a minimum four (4) lights, either SAA certified LED lamps or four-hundred Watt (400 W) metal halide lamps with ingress protection level of sixty-five (IP 65) minimum, rated at 220VAC to 240VAC mounted on a lighting bar with a tilting system must allow up to a ninety (90) degree tilt giving at total luminous flux of two-hundred and sixty-eight thousand eight hundred Lumens (268 800 LM) with luminous efficacy of one-hundred and forty LuMens per Watt (140 Lm/w) or better.
 - Each complete system must be trailer mounted using a single axle with either disc or drum brake, trailer lighting must conform to the SANS standards for a twelve (12) VDC commercial vehicle lighting standards, supplied with a ball tow hitch for road transportation, have a minimum of four stabilising legs, have a diesel/oil spillage kit, have SANS compliant earth mat and earth spike and relevant bonding.
 - System must include two (2) off one hundred (100) meter long cable extension reels with SANS / SABS approved 3 Core 2.5 mm Square PVC Insulated Cabtvre® cable with a matching socket connector/plug of the generator set and with a double-sided Janus rubber plug for 3 pin plugs at the point of consumption.

- System surfaces to be painted UN White (2K White) with specified Varcol Thanacryl Semi Matt UN White 700#0002 paint in accordance with manufacturers specifications.
- The complete system must be able to be transported strategically with a C130 airplane or MI26 helicopters (load 10 tons) and be able to be transported by forklift and by crane.
- Only OEM approved products sold, supported, and maintained in the RSA will be considered.
- At supplier site system performance verification and certification by an insured professional engineer (prior to delivery) and Proof of Conformance. To include:
 - o System specification.
 - o System performance.
 - o System twenty-four (24) month deployment maintenance plan, identified spares kit, special and standard tools list.
- Delivery of the systems packaged for shipping to CSIR Pretoria Campus, Brummeria.
- On-site training of up to ten (10) SANDF personnel at CSIR Pretoria Campus, Brummeria .
Training to include:
 - o System unpacking / deployment, installation, operation, decommissioning and repackaging as or strategic (air / shipping / road) transportation.
 - o Operator repair, scheduled / preventative and unscheduled maintenance, and repair training.

Service Materials and Special Tools Required:

The following spares must be provided according to supplier's specifications for a period of twenty-four (24) months.

- The approved maintenance plan defined service kit consisting of a ten (10) percent pool of material/spares for main items such as starter motors, alternators, injector's controllers, circuit breakers, and cable sockets etc., with special tools required to maintain or repair any of the equipment being supplied.

3 EVALUATION CRITERIA

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Send SANAS approved B-BBEE certificate or affidavit on DTIC template with quotation. No B-BBEE status will equal zero points.
- 3.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 3.4 No order will be issued or no contract will be signed without a valid CSD number.

4 ELIMINATION CRITERIA

- 4.1 ISO 9001 Quality system
- 4.2 Confirmation proof of conformance by a registered insured professional engineer for each generator set
- 4.3 Confirmation of the warranty provided
- 4.4 Confirmation of the lead time to supply the systems
- 4.5 Failure to adhere to the specification requirements of the request for quotation.
- 4.6 Submission of quotation after closing date and time.
- 4.7 Submission at the incorrect email address.
- 4.8 Restricted suppliers by National Treasury

5 PRICING QUOTATION

- 5.1 Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.
- 5.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 5.3 Payment will be according to the CSIR Payment Terms and Conditions.

6 OTHER TERMS AND CONDITIONS

- 6.1 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach

of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.

- 6.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.
- 7 **No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.**
- 8 **Note: This is not a Purchase Order.**

DECLARATION BY TENDERER

Only tenderers who completed the declaration below will be considered for evaluation.

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I hereby undertake to render services described in the attached tendering documents to CSIR in accordance with the requirements and task directives / quotation specifications stipulated in RFQ 9361/18/02/2022 at the price/s quoted. My offer/s remains binding upon me and open for acceptance by the CSIR during the validity period indicated and calculated from the closing date of the quotation.

I confirm that I am satisfied with regards to the correctness and validity of my quotation; that the price(s) and rate(s) quoted cover all the services specified in the quotation documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this quotation as the principal liable for the due fulfilment of this quotation.

I declare that I have no participation in any collusive practices with any tenderer or any other person regarding this or any other quotation.

I accept that the CSIR may take appropriate actions, deemed necessary, should there be a conflict of interest or if this declaration proves to be false.

I confirm that I am duly authorised to sign this quotation.

NAME (PRINT)

CAPACITY

SIGNATURE

NAME OF FIRM

DATE

WITNESSES	
1
2
DATE:	