



an agency of the
Department of Sport, Arts and Culture

266, Bloemfontein, 9300
36 Aliwal Street / Aliwalstraat 36
South Africa / Suid-Afrika
051 - 4479609 051 - 4476273
www.nasmus.co.za

Incorporating the satellites:	Insluitend die sateliete:
Oliewenhuis Art Museum	Oliewenhuis-kunsmuseum
Freshford House Museum	Freshford-huismuseum
First Raadsaal	Eerste Raadsaal
Wagon Museum	Waenhuismuseum
Florisbad Research Station	Florisbad-navorsingstasie

RFQ	REQUEST FOR QUOTE FOR SOLAR CONVERSION AT OLIEWENHUIS AND FLORISBAD
ISSUE DATE	02 March 2026
CLOSING DATE	12 March 2026
CLOSING TIME	15H00
DELIVERY OF QUOTES	Tender Box, National Museum 36 Aliwal Sreet Bloemfontein 9300
QUERIES	Ms K. Tlhabatau kerileng@nasmus.co.za

BRIEFING SESSION	No
DATE	N/A
TIME	N/A
LOCATION ADDRESS	N/A

All quotes must be submitted at the Tender box, inside a sealed envelope at 36 Aliwal Street, Bloemfontein 9300 on or before the due date and time.

1. Background to the National Museum

The National Museum - a natural history, cultural history and art museum was established in 1877 and is a declared cultural institution, which resorts under the Department of Arts and Culture and is governed by a council. The mission of the National Museum is to provide heritage resources and an enjoyable experience to all people through quality research, conservation, education and exhibitions. More information about the organisation can be found at www.nasmus.co.za

2. Purpose and Background

To source out a reputable and experienced supplier who will supply and install new lights including replacement at Oliewenhuis Art Museum & Florisbad Research Station.

3. Specifications of Good(s)

NO	DESCRIPTION	Unit	QTY
	BILL No.1		
	<u>ELECTRICAL WORKS FOR OLIEWENHUIS</u>		
1	Remove and replace existing downlights including transformers with Jupiter outdoor downlights	No	26
2	Cut out and join burnt wiring with a connector block on five small garden lights and leave in a good working condition	No	5
3	Supply and install new downlights wiring	m	70
4	Remove, clean and re-fix light covers not exceeding 10m and install 160w warm white non dimmable screw bulbs	No	23
5	Remove and replace existing flood lights and install new 200W LED flood lights on the front lawn area and back	No	9
6	Supply and install new 200W LED lights including concrete base and purposely made steel cover, supplier shall make provision for the lights to be switched on and of manually.	No	2
7	Supply and install new 100W LED lights in the terries area	No	3
8	Supply and Install 50W motion sensor LED solar flood light at the garages	No	1
9	Service and repair "Must" Solar Inverter in the reservoir, remove and reinstall the inverter in the Terries.	No	1
10	Supply and Install Cyclone 10kwh life Po4 battery or similar approved including cabling	No	4
11	Supply and install Canadian Solar HiKu 545W Super High Power Mono PERC Solar Panels or Similar approved including frame at 45/30 degrees incline	No	6
12	Solar accessories	Item	
13	Remove and Replace 5A circuit breakers where additional lights have been installed with 10-20 Amp circuit breakers	No	12

14	Re-design the lights wiring connection from the main power supply to the inverter. The first pole near the gate opposite the kitchen access looped to each light pole. Lights shall be under a day night switch.	Item	
15	Sustainable 6mm red double insulated halogen free solar cable	m	30
16	Sustainable 6mm black double insulated halogen free solar cable	m	30
17	PVC 2.5mm x 4 core or 2.5mm surfix cable twin flat including excavation not exceeding 2m deep.	m	30
18	Flat twin 4mm or any suitable cable approved, including excavation not exceeding 2m deep	m	55
<u>ELECTRICAL WORKS FOR FLORISBAD RESEARCH STATION</u>			
19	Holes	m ³	2
20	Supply & Install 8m high galvanized steel pole, end cast into and including 15Mpa concrete footing in the ground including removal of soil and leave clean. Each pole shall be painted with a black primer prior to be casted in concrete	No	15
21	Supply and install MCE Econo street light solar 400W complete & fix to the galvanized pole: Liminus flux: 3000lm Discharge time:24 hours + Battery capacity:48,000 (mAh)	No	15
22	Supply and installation of a solar power system to support the energy needs of a small house. The system should include an 8 kVA hybrid inverter (grid-tied with solar and battery input), a 10 kWh lithium-ion battery (wall- or rack-mounted), and eight 550 W solar panels (totalling 4.4 kW). The system must be capable of providing stable power for typical small household loads, including lighting, refrigeration, computer and network equipment, small appliances and electric fence. The system should also include a suitable ground-mounted or roof-mounted frame for the panels, 50 metres of electric fencing (including energizer) specifically to secure the installation, all cabling, breakers, and safety components (e.g.	No	1

	AC/DC isolators, surge protection). Quotation should cover installation, system testing, and basic user training.		
23	Direct solar-powered submersible pump system to replace an existing windmill-driven borehole setup. Removal of the windmill head. The system must be capable of delivering a minimum of 1200 litres per hour from a borehole with a static water level of > 10 metres, to raised storage tanks located around 2 metres above ground level, about 1km away from the pump locality. The pump should operate directly from solar power (no batteries), with a power requirement in the range of 400–800 W. The system should include a brushless DC submersible pump with corrosion- and sand-resistant housing, a weatherproof MPPT pump controller with dry-run protection and auto start/stop functionality, and three 300 W solar panels (minimum total 900 W) with a fixed-tilt ground-mounted frame. The setup must also include a basic DC combiner box with overcurrent protection and an isolator switch, and a simple electric fence to protect the solar panels from theft. Installation at Florisbad Research Station, system testing, commissioning, and basic user instruction should be included.	No	1
24	Certificate of Compliance “COC” for Oliewenhuis & Florisbad station	No	02
	SUB TOTAL		
	VAT		
	TOTAL COST INCL. VAT		

4. Compulsory requirements

The bidder must attach the following documents to the quotation as follows:

- 4.1.1** The bidder's profile showing that the bidder is an active electrical contractor for electrical works & solar installations must be attached. The profile should also include a list of work done by the bidder and their duration within the past 6 years only.
- 4.1.2** Experience: The bidder must have proven experience in the supply and installation of electrical solar products. This must be supported by at least 5 contactable written reference letters on company letterhead showing similar service in electrical works and solar installations.

NB: THE REFERENCE LETTERS MUST INCLUDE THE RATING OF THE WORK DONE BY THE BIDDER. HOWEVER, BIDDERS WILL NOT BE DISQUALIFIED FOR SUBMITTING REFERENCE LETTERS WITHOUT SERVICE RATING, BUT THIS WILL AFFECT THE POINTS THE BIDDER COULD EARN ON TECHNICAL ASSESSMENT.
- 4.1.3** CV(s) and copies of qualification(s) of an experienced Electrical Engineer/Technologist OR an Electrician registered with the Department of Labour in good standing as an Installation Electrician (IE) or Master Installation Electrician (MIE).
- 4.1.4** Trade Test Certificate in the case of Electrician.
- 4.1.5** ECSA registration as a Pr. Engineer or Technologist in the case of Engineers.
- 4.1.6** Fully completed and signed SBD form 4 must be attached.
- 4.1.7** The bidder's proof of valid registration with the department of labour as an electrical contractor.
- 4.1.8** The bidder's proof of valid registration with electrical contracting board and/or electrical contracting association.
- 4.1.9** PV green card installer MUST be in the name of company owner or any of the directors of the company.
- 4.1.10** Compulsory Bidder's Registration with ECA (Electrical Contractors Association). The bidder should be in good standing).
- 4.1.11** Proof of bidder's operations address, in a form of a municipal rates and taxes account or a lease agreement (where the bidder is a tenant), only.
- 4.1.12** Proof of valid CIDB grading 2EP/EB or higher
- 4.1.13** The bidder must be registered on CSD and CSD supplier report must be attached.

4.1.14 The bidder quotation must be in conformance to the specifications of the Museum. It is compulsory for the bidder to complete the price schedule in part 8 of the bid document.

4.1.15 The bidder must be an active company registered in the Republic of South Africa, and a copy of CIPC registration documents must be attached.

4.1.16 The bidder's proof of COIDA registration. The bidder's should be in good Standing.

5 Additional requirements

5.1.1 the bidder must be tax-compliant. The museum reserves the right to check the bidder's tax compliance status on CSD.

5.1.2 a valid copy of BBBEE certificate or completed and signed BBBEE declaration must be attached, whereby the bidder is claiming points on specific goals.

5.1.3 The museum reserves the right to conduct a due diligence to confirm the experience and competencies of the bidders. Any misleading may result in a bidder being disqualified.

Matters for noting

1. All bidders are welcome to participate in the bid, however preference will be given to local businesses (operating in the Mangaung Local Municipality).

2. There is no compulsory site briefing for this bid, however, bidders who are interested in viewing the site are welcome to do so. Emails to make arrangements can be forwarded to email addresses below for each respective site visit:

- Oliewenhuis-isaura@nasmus.co.za
- [Florisbad- thys.uys@nasmus.co.za](mailto:Florisbad-thys.uys@nasmus.co.za)

3. Non-compliance to the above compulsory requirements will lead to a disqualification of the bidder, except for non-tax compliant with tax matter which is subject to grace period of at least 7 days that will be provided to a preferred service provider should that service provider is not compliant following bid evaluation.

4. Failure by this preferred service provider to rectify its tax matters to a compliant status within the grace period provided will lead to an automatic disqualification.
5. Validity period for bids or formal written quotations submitted shall be valid for a minimum period of 90 days. The formal written price quotations received from the service provider/supplier will be regarded as valid for 90 days despite expiry date less than 90 days indicated on a quote.

6 Bid Evaluation.

All bidders will be subject to a three-stage technical evaluation process as follows:

- 6.1. Pre-screening, i.e. determination of compliance to compulsory requirements. They will be required to pass pre-screening to be eligible for further evaluation.
- 6.2. Technical assessment, measurement of capability. The bidder will be required to obtain a minimum of 70 points to be eligible for preferential procurement evaluation.
- 6.3. Preferential procurement calculation 80/20, whereby 80 is for price and 20 points for specific goals.

	Preference Points Criteria	Points Allocation
1	Price	80
2	Specific goals	20
	Total Points	100

7. Technical Assessment

Bidders need to score a minimum of 70 points on technical assessment for them to be further evaluated to the next stage.

FUNCTIONALITY CRITERIA	POINTS ALLOCATION
<p>Previous Work Service Rating Score points:</p> <p>0 = The bidder has less than five reference with service ratings; 1 = The bidder has five or more reference letters with ratings, however, has less than three reference letters with a good/satisfactory service rating. 2 = The bidder has five or more reference letters with ratings, and only has three reference letters with a good/satisfactory service rating. 3 = The bidder has five or more reference letters with ratings, and has more than three reference letters with a good/satisfactory service rating.</p>	60

4 = The bidder has five or more reference letters with ratings, and has four reference letters with an excellent service rating. 5 – The bidder has five or more reference letters with ratings, and has five or more reference letters with an excellent service rating.	
Capacity of staff: One qualified and experienced electrician employed by the bidder 0 = The bidder has NO qualified and experienced electrician employed 1 = The bidder has at least 1 qualified and experienced electrician employed with less than one years' Of experience 2 = Team has at least 1 qualified and experienced electrician employed with two years of experience. 3 = Team has at least 1 qualified and experienced electrician employed with three years of experience. 4 = Team has at least 1 or more qualified and experienced electrician employed with four years of experience. 5= Team has at least 1 or more qualified and experienced electrician employed with five or more years of experience.	40
Total points	100 points

8. Price

The bidder must provide a cost inclusive quotation including VAT if applicable. The financial offer must be provided in the table below.

NO	DESCRIPTION	Unit	QTY	Rate	Amount
	BILL No.1				
	<u>ELECTRICAL WORKS FOR OLIEWENHUIS</u>				
1	Remove and replace existing downlights including transformers with Jupiter outdoor downlights	No	26		
2	Cut out and join burnt wiring with a connector block on five small garden lights and leave in a good working condition	No	5		
3	Supply and install new downlights wiring	m	70		
4	Remove, clean and re-fix light covers not exceeding 10m and install 160w warm white non dimmable screw bulbs	No	23		
5	Remove and replace existing flood lights and install new 200W LED flood lights on the front lawn area and back	No	9		

6	Supply and install new 200W LED lights including concrete base and purposely made steel cover, supplier shall make provision for the lights to be switched on and of manually.	No	2		
7	Supply and install new 100W LED lights in the terries area	No	3		
8	Supply and Install 50W motion sensor LED solar flood light at the garages	No	1		
9	Service and repair "Must" Solar Inverter in the reservoir, remove and reinstall the inverter in the Terries.	No	1		
11	Supply and Install Cyclone 10kwh life Po4 battery or similar approved including cabling	No	4		
10	Supply and install Canadian Solar HiKu 545W Super High Power Mono PERC Solar Panels or Similar approved including frame at 45/30 degrees incline	No	6		
12	Solar accessories	Item			
13	Remove and Replace 5A circuit breakers where additional lights have been installed with 10-20 Amp circuit breakers	No	12		
14	Re-design the lights wiring connection from the main power supply to the inverter. The first pole near the gate opposite the kitchen access looped to each light pole. Lights shall be under a day night switch.	Item			
15	Sustainable 6mm black double insulated halogen free solar cable	m	30		
16	Sustainable 6mm black double insulated halogen free solar cable	m	30		
17	PVC 2.5mm x 4 core or 2.5mm surfix cable twin flat including excaction not exceeding 2m deep.	m	30		
18	Flat twin 4mm or any suitable cable approved, including excavation not exceeding 2m deep	m	55		
<u>ELECTRICAL WORKS FOR FLORISBAD RESERCH STATION</u>					

19	Holes	m ³	2		
20	Supply & Install 8m high galvanized steel pole, end cast into and including 15Mpa concrete footing in the ground including removal of soil and leave clean. Each pole shall be painted with a black primer prior to be casted in concrete	No	15		
21	Supply and install MCE Econo street light solar 400W complete & fix to the galvanized pole: Liminus flux: 3000lm Discharge time:24 hours + Battery capacity:48,000 (mAh)	No	15		
22	Supply and installation of a solar power system to support the energy needs of a small house. The system should include an 8 kVA hybrid inverter (grid-tied with solar and battery input), a 10 kWh lithium-ion battery (wall- or rack-mounted), and eight 550 W solar panels (totalling 4.4 kW). The system must be capable of providing stable power for typical small household loads, including lighting, refrigeration, computer and network equipment, small appliances and electric fence. The system should also include a suitable ground-mounted or roof-mounted frame for the panels, 50 metres of electric fencing (including energizer) specifically to secure the installation, all cabling, breakers, and safety components (e.g. AC/DC isolators, surge protection). Quotation should cover installation, system testing, and basic user training.	No	1		
23	Direct solar-powered submersible pump system to replace an existing windmill-driven borehole setup. Removal of the windmill head. The system must be capable of delivering a minimum of 1200 litres per hour from a borehole with a static water level of > 10 metres, to raised storage tanks located around 2 metres above ground level, about 1km away from the pump locality. The pump should operate directly from solar power (no batteries), with a power requirement in the range of 400–800 W. The system should include a brushless DC submersible pump with corrosion- and sand-resistant housing, a weatherproof MPPT pump controller with dry-run protection and auto start/stop functionality, and three 300 W solar panels (minimum total 900 W) with a fixed-	No	1		

	tilt ground-mounted frame. The setup must also include a basic DC combiner box with overcurrent protection and an isolator switch, and a simple electric fence to protect the solar panels from theft. Installation at Florisbad Research Station, system testing, commissioning, and basic user instruction should be included.				
24	Issuance of certificate of compliance for Oliewenhuis & Florisbad station	No	02		
	SUB TOTAL				
	VAT				
	TOTAL COST INCL. VAT				

9. BBBEE Assessment

Preferential procurement calculation 80/20, whereby 80 is for price and 20 points for BBBEE points.

Preference Point System

In accordance with the Preferential Procurement Regulations of 2022, NM has determined the following specific goals for which preference points will be awarded:

Goal 1: Broad-Based Black Economic Empowerment

Section 10 of the B-BBEE Act enjoins every public entity to take into account and apply the B-BBEE Codes of Good Practice in determining and implementing a preferential procurement policy. NM will thus award preference points to suppliers based on their B-BBEE status level of contributor.

Goal 2: Empowerment of Local Businesses

NM is located in the Free State, a rural province on the margins of economic activity. In an effort to develop and empower local businesses based in the Free State, NM will award preference point to suppliers based in the Free State.

Goal 3: Youth Empowerment

Youth participation in the economy is crucial for the growth and development of the South African economy, but their participation has been limited by several factors. One of the main challenges for youth has been the high levels of unemployment. The unemployment rate for young people in South Africa is much higher than the national average, which makes it difficult for them to enter the labour market and participate in the economy.

In an effort to empower youth and encourage their participation in the economy, NM will award preference points to businesses which are at least 51% owned by youth.

Goal 4: Women Empowerment

Women participation in the economy is crucial for the growth and development of the South African economy, but their participation has been limited by several factors. For women, the challenge has been unequal access to economic opportunities, including education, training, and employment. Women in South Africa often face discrimination and gender-based violence, which can limit their ability to participate in the economy. Additionally, women tend to be concentrated in low-paying, informal sector jobs, which offer little security and limited opportunities for advancement.

In an effort to empower women and encourage their participation in the economy, NM will award preference points to businesses which are at least 51% owned by women.

Goal 5: Empowerment of People with Disabilities

People with disabilities face significant barriers to participating in the South African economy. According to the World Bank, about seven million South Africans have some form of disability, and they are more likely to experience poverty and unemployment compared to those without disabilities.

People with disabilities often face discrimination in the labour market and have limited access to education, training, and employment opportunities. They may also face physical and attitudinal barriers, making it difficult for them to fully participate in the economy.

In an effort to empower people with disabilities and encourage their participation in the economy, NM will award preference points to businesses which are at least 51% owned by people with disabilities

Points awarded for each goal

Preferential points will be awarded as per below scoring:

CRITERION	310/210
B-BBEE Status	4
Businesses Based in the Free State	4
Ownership by Youth	4
Ownership by Women	4
Ownership by People with Disabilities	4
	20

B-BBEE Status Points will be awarded as per below:

BBBEE STATUS	310/210
Level 1	4
Level 2	3
Level 3	2
Level 4 and below	1
Non-compliant	0

Ownership Points for Youth, Women, and People with Disabilities will be awarded as per below:

OWNERSHIP	310/210
Above 50%	4
Above 40%	3
Above 25%	2
Above 10%	1

Proof of claim

Bidders must submit valid proof of claim for any of the above criteria as stipulated in the bid documents, paragraph 5.1.2, above. Failure to submit proof of claim will not disqualify a bid but will result in points not being awarded for any criterion for which proof of claim has not been submitted or is invalid.



an agency of the
Department of Sport, Arts and Culture

266, Bloemfontein, 9300
36 Alival Street / Alivalstraat 36
South Africa / Suid-Afrika
051 - 4479609 051 - 4476273
www.nasmus.co.za

Incorporating the satellites:	Insluitend die satelliete:
Olievenhuis Art Museum	Olievenhuis-kunsmuseum
Freshford House Museum	Freshford-huismuseum
First Raadsaal	Eerste Raadsaal
Wagon Museum	Waenhuismuseum
Florisbad Research Station	Florisbad-navorsingstasie

NASMUS SBD4

BIDDER'S DISCLOSURE

1. Purpose of the form

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in the table below.

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

Full Name	Identity Number	Name of institution	State

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the **National Museum, Bloemfontein**? **YES/NO**

2.2.1 If so, furnish particulars:

.....
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....
.....

3 Declaration of shareholding

3.1 Are any of the bidder's directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise, designated as youth, women, and/or people with disabilities? **YES/NO**

3.1.1 If so, furnish particulars of the names, individual identity numbers, sex, shareholding and, if applicable, disability of sole proprietor/ directors /

NASMUS

trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in the table below.

Full Name	Identity Number	Sex	Disability	Shareholding %

4 DECLARATION

I, the undersigned, (name)
in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 4.1 I have read and I understand the contents of this disclosure;
- 4.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 4.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement, or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 4.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

- 4.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 4.6 There have been no consultations, communications, agreements, or arrangements made by the bidder with any official of the **National Museum, Bloemfontein** in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 4.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2, 3 and 4 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

_____	_____
Signature	Date
_____	_____
Position	Name of Bidder