

- ☐ Non-Profit Company
☐ State Owned Company
[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

Project title:	APPOINTMENT OF CONTRACTOR FOR DESIGN, SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF INVERTOR BATTERY BACKUP / SOLAR SYSTEM IN MPUMALANGA PROVINCE, REGION 2 FOR THE PERIOD OF THREE (03) YEARS
Tender no:	19/1/9/1/23TB(23)

1. I / We confirm that the following communications received from the South African Police Service before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer. *(Attach additional pages if more space is required)*

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		

I / We confirm that no communications were received from the South African Police Services before the submission of this tender offer, amending the tender documents.

Signed		Date	
Name		Position	
Tenderer			

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T 2.1.7: COMPULSORY CLARIFICATION MEETING CERTIFICATE

Project title:	<i>APPOINTMENT OF CONTRACTOR FOR DESIGN, SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF INVEROER BATTERY BACKUP / SOLAR SYSTEM IN MPUMALANGA PROVINCE, REGION 2 FOR THE PERIOD OF THREE (03) YEARS</i>		
Tender no:	<i>19/1/9/1/23TB(23)</i>		
Closing date:	<i>2023-09-07</i>		

This is to certify that I, _____

representing the company of _____

visited the site on: **2023-08-24 @ 11:00**

I have made myself familiar with all local conditions likely to influence the work and the cost thereof. I further certify that I am satisfied with the description of the work and explanations given at the clarification meeting and that I understand perfectly the work to be done, as specified and implied, in the execution of this contract.

Name of Tenderer / Company	Signature	Date

Colonel Maluleka		2023-08-24
Name of SAPS Representative	Signature	Date

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 table below.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship

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.

with any person who is employed by the procuring institution? 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

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:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 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.
- 3.4 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.
- 3.4 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.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring

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.

institution 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.

- 3.6 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 and 3 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

**APPOINTMENT OF CONTRACTOR FOR DESIGN,
SUPPLY, DELIVERY, INSTALLATION AND
COMMISSIONING OF INVERTOR BATTERY BACKUP /
SOLAR SYSTEM IN MPUMALANGA PROVINCE,
REGION 2 FOR THE PERIOD OF THREE (03) YEARS**

BID: 19/1/9/1/23TB (23)

PART C

CONTRACT

PART C1

AGREEMENTS AND CONTRACT DATA

C 1.1: FORM OF OFFER AND ACCEPTANCE

Tender* no: 19/1/9/1/23TB(23)

OFFER

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of: **APPOINTMENT OF CONTRACTOR FOR DESIGN, SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF INVERTOR BATTERY BACKUP / SOLAR SYSTEM IN MPUMALANGA PROVINCE, REGION 2 FOR THE PERIOD OF THREE (03) YEARS**

The Tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the Tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

THE OFFERED TOTAL OF THE PRICES:

Rand (in words):	
Rand in figures (excluding VAT)	R
Rand in figures (inclusive of VAT)	R

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the tender data, whereupon the Tenderer becomes the party named as the Contractor in the conditions of contract identified in the contract data.

SIGNED FOR THE TENDERER:

Signature	Capacity	Name and surname of representative	Date
Name and address of Tenderer:			

WITNESSED BY:

Signature	Name and surname of witness	Date

Tender no: 19/1/9/1/23TB(23)

ACCEPTANCE

By signing this part of this form of offer and acceptance, the Employer identified below accepts the Tenderer's offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the Tenderer's offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part 1 Agreements and contract data, (which includes this agreement)
- Part 2 Pricing data
- Part 3 Scope of work.
- Part 4 Occupational Health and Safety, site information, drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The Tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect, on the date when the Tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the Tenderer (now Contractor) within five (5) working days of the date of such receipt notifies the Employer in writing of any reason why he/she cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

SIGNED FOR THE EMPLOYER:

Signature	Capacity	Name and surname of representative	Date

Name of Organisation:	South African Police Service
Address of Organisation:	Supply Chain Management Private Bag X254 Pretoria 117 Cresswell Road Silverton

WITNESSED BY:

Signature	Name and surname of witness	Date

Tender no: 19/1/9/1/23TB(23)

Schedule of Deviations

1.1.1. Subject:
Detail:
1.1.2. Subject:
Detail:
1.1.3. Subject:
Detail:
1.1.4. Subject:
Detail:
1.1.5. Subject:
Detail:
1.1.6. Subject:
Detail:

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

**APPOINTMENT OF CONTRACTOR FOR DESIGN, SUPPLY, DELIVERY,
INSTALLATION AND COMMISSIONING OF INVERTOR BATTERY
BACKUP / SOLAR SYSTEM IN MPUMALANGA PROVINCE, REGION 2
FOR THE PERIOD OF THREE (03) YEARS**

BID: 19/1/9/1/23TB(23)

PART C:

CONTRACT

Part C.1.1

SPECIAL CONDITIONS



SPECIAL CONDITIONS OF THE CONTRACT

SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS



**SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT
OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION &
COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE
PERIOD OF THREE (03) YEARS**

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**SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT
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ABBREVIATIONS

BAC	: Bid Adjudication Committee
CPA	: Contract Price Adjustment
CPI	: Consumer Price Index
ROE	: Rates of Exchange
SBD	: Standard Bidding Document
STATS SA	: Statistics South Africa
VAT	: Value- Added Tax



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

SECTION A

1. LEGISLATIVE AND REGULATORY FRAMEWORK

This bid and all contracts emanating there from will be subject to the GCC 2004 and Contract Data. The Special Conditions of Contract are supplementary to that of the GCC Agreement. Where, however, the Special Conditions of Contract are in conflict with the GCC, the Special Conditions of Contract prevail.

2. EVALUATION CRITERIA

2.1 Preference Point System

2.1.1 In terms of regulation of the Preferential Procurement Regulations pertaining to the Preferential Procurement Policy Framework Act, 2022 (Act 5 of 2000), responsive bids will be adjudicated by the State on the 80/20 preference point system in terms of which points are awarded to bidders on the basis of:

- The bid price (maximum 80 points)
- Specific goals (maximum 20 points)

2.1.2 The following formula will be used to calculate the points for price:

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

P_s = Points scored for comparative price of bid under consideration

P_t = Comparative price of bid under consideration

P_{min} = Comparative price of lowest acceptable bid

2.1.3 A maximum of 20 points may be allocated to a bidder for attaining their specific goals of contributor in accordance with the table below.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Persons historically disadvantaged on the basis of race with at least 51% ownership				
Persons historically disadvantaged on the basis of gender with at least 51% ownership by women				
Persons with at least 51% ownership who are youth				
Persons historically disadvantaged by unfair discrimination on the basis of disability with at least 51% ownership				

- 2.1.4 Bidders are required to complete the preference claim form (SBD 6.1).
- 2.1.5 The points scored by a bidder in respect of the specific goals contribution will be added to the points scored for price.
- 2.1.6 Only bidders who have completed and signed the declaration part of the preference claim form will be considered for preference points.
- 2.1.7 The SAPS may, before a bid is adjudicated or at any time, require a bidder to substantiate claims it has made with regard to preference.
- 2.1.8 The points scored will be rounded off to the nearest 2 decimals.
- 2.1.9 In the event that two or more bids have scored equal total points, the contract will be awarded to the bidder scoring the highest number of preference points for specific goals.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

2.1.10 However, when functionality is part of the evaluation process and two or more bidders have scored equal points including equal preference points for specific goals, the contract will be awarded to the bidder scoring the highest for functionality.

2.1.11 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

2.1.12 A contract may, on reasonable and justifiable grounds, be awarded to a bid that did not score the highest number of points.

2.2 Evaluation method

The evaluation will be conducted as follows:

2.2.1 Mandatory conditions

The Contractor shall ensure that he/she is conversant with the technical specification and applicable standards.

Note: it is the contractor's responsibility to ensure that his/her pricing make provision for the appointment of a registered professional Electrical and structural engineer/Technologist in terms of the Engineering and Profession Act 2000 (Act No.46 of 2000), the contract must have at least one Electrical engineer/Technologist, one structural engineer/Technologist, one safety officer/Agent and one personnel with wiremen's license.

Contractor must demonstrate or prove completion of similar solar installation not less than 8KW.

The Contractor shall complete the functional evaluation criterion table with all information provided in order to ensure their bid is responsive.

The contractor will be obligated in terms of this contract to ensure the Design, supply, delivery; installation & commission of INVERTER BATTERY BACKUP/SOLAR SYSTEM Power at Police Stations are completed within a period of two (2) months after receiving of order form.

The contractor shall fully acquaint themselves with the nature of the work carried out, the locality of the facility and any possible hindrances in the execution of Inverter Battery backup/Solar System, warranty and to allow



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

for these entire factors in their price, as any later claim based on unforeseen events or knowledge will not be entertained.

The contract shall be entirely responsible for referencing all relevant standard specification of the SANS or other applicable published standard whether such standard is referenced in this document or not and ensuring compliance with the Engineering Works therewith. All equipment supplied shall be from suppliers that have proven track record and with aftersales technical support as well as complies with the small scale embedded generation requirement of the municipal area to be installed.

The combination of equipment will be site specific and shall be made in consultation with the SAPS engineer prior to commencement of works including whether a grid tied or hybrid storage system is best suited to user requirements.

After the design, supply, delivery, installation & commissioning of INVERTER BATTERY BACKUP/SOLAR SYSTEM are complete, full training shall be provided by the contractor with detail guidelines.

The contractor shall provide the following:

A full set of AS-BUILT drawings including SLD, DC, AC reticulation detail to the SAPS engineer as part of the handover **documentation** technical manuals and warrantee documentation on main equipment incl solar panels/inverters/batteries.

Practical completion certificates signed by PrEng/Pr Tech (ECSA)
Commission test results report, Project Closeout Report, Certificate of compliance (COC).

The solar systems envisaged are for the sizes of: 8kVA 1phase, 12kVA 3phase, 50kVA 3phase, 100kVA 3phase or multiples of these sizes.

Hence the bidder shall price the bill of quantities according to these sizes such that any solar system that may be a multiple of this system will then be applied to the pricing provided.

All prices provided for in the rates below shall consider a complete supply and fit of those items in the installation.



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Distribution Board (DB)

The construction must be in accordance with SANS 10142-1:2017.

Openings into distribution boards must tie up with the installation. AC and DC circuitry shall not be in the same distribution box. All earthing requirements shall be included in pricing as well as labelling in DB. The AC DB and DC DB shall be complete with all internal requirements for the solar or battery inverter system to function adequately in accordance with the SANS requirements and shall be included in price where not explicitly separately priced in the Bill of Quantity.

All AC and DC DB shall include SPD class 1 surge protection and shall ensure adequate earth leakage state under particular of tender against each requirement whether the tender comply or do not comply with the requirement of the specification (failure will lead to disqualification of the bid).

CONSULTANTS

The consultants will be responsible to survey the existing electrical installation, provide as built drawings and draw up specifications for the Inverter battery Backup/Solar system and layouts of the proposed system and bill of quantities, inclusive of a comprehensive report with photos. System parameters to be determined with clients inputs. Such specifications, layouts, bill of quantities and report subject to client approval.

The consultants will be responsible to supply the client (SAPS) with a full set of construction drawings, bill of quantities and specifications.

The consultants will be responsible for compiling sets of handover files, containing full specifications, as built drawings, equipment brochures and pamphlets, COC's and final report

All work on site must be accompanied by a safety file with the method statement and approved by SAPS engineer with necessary work at height and occupational safety and COIDA information

ENGINEERING NOTES

ALL distribution boards will be COC'ed individually, irrespective of being contained in a singular frame or cabinet.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

Professional Technologist/Engineer to be responsible with, Design quality inspection, sign off installation and to do close out
No Sprague may be specified or installed.

All conduit, inclusive of galvanised conduit, will be bent with appropriate pipe bending equipment or will be installed with appropriate elbows and bends.

All screw fixtures shall be made utilising Fischer type plugs and screws specific to Fischer type plugs.

NO NAIL-IN OR KNOCK-IN TYPE PLUGS OR SCREW TYPES WILL BE ALLOWED.

Bidder's documents will be scrutinized to establish if all the mandatory conditions are complied with and/or mandatory documents have been submitted. The bids of the Bidders who failed to comply with all the mandatory conditions and/or who failed to submit the mandatory documentation will be declared invalid.

Only bidders that submitted the mandatory documents, accepted the mandatory conditions and met the specification will be further evaluated.

The bidder must fully comply with Specification of the bid. The bidder must indicate in writing **Comply** or **Not Comply** in the relevant column of every field. Failure to do so will be interpreted as **Not Comply**.

The bidder must fully complete and sign all the pages of the Specification and Special Conditions.

2.2.2 Technical evaluation

Bidders offer will be evaluated in accordance with the set specifications.

Only bidders who complied with the mandatory requirements as specified in phase one (1) documents will be scrutinised to ascertain if the bidders comply with the specification.

Only bidders that comply with the specification or have minor acceptable deviations, bids will be evaluated in terms of price – phase three (3).



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

2.2.3 Calculation of points

Points shall be calculated for price as prescribed by the PPPFA. The bidder that scores the highest points for price (max of 80 points) and Specific goals points' max of 20 points will be added to obtain a total of 100 points. The bid will be evaluated and awarded.

3. RESPONSE FIELDS

- 3.1 Bidders are required to submit responsive bids by completing all the prices, mandatory response fields and item questionnaires on the provided pricing schedule for the individual items.
- 3.2 Non-compliance with this condition **will** invalidate the bid for the item(s) concerned.

4. VALUE ADDED TAX

- 4.1 All bid prices must be inclusive of 15% Value-Added Tax.
- 4.2 Failure to comply with this condition may invalidate the bid.

5. SUBMISSION OF BIDS

- 5.1 Bidders **must** submit the bid in hard copy format (paper document) to The Divisional Commissioner: Supply Chain Management, 117 Cresswell Rd Silverton **before** the closing date and time.

The hard copy of the bid response will serve as the legal bid document.

The bid must be addressed to The Divisional Commissioner: Supply Chain Management.

- 5.2 Each bid should be submitted in a separate, sealed envelope or suitable cover on which the name and address of the bidder, the bid number and the closing date must be clearly endorsed.

6. LATE BIDS

Bids received after the closing date and time, at the address indicated in the bid documents, will not be accepted for consideration and where practicable, be returned unopened to the bidder.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

7. COUNTER CONDITIONS

Bidders' attention is drawn to the fact that amendments to any of the Bid Conditions or setting of counter conditions by bidders may result in the invalidation of such bids.

8. FRONTING

- 8.1 The South African Police Service supports the spirit of broad based black economic empowerment and recognizes that real empowerment can only be achieved through individuals and businesses conducting themselves in accordance with the Constitution and in an honest, fair, equitable, transparent and legally compliant manner. Against this background the South African Police Service condemn any form of fronting.

The South African Police Service, in ensuring that bidders conduct themselves in an honest manner will, as part of the bid evaluation processes, conduct or initiate the necessary enquiries/investigations to determine the accuracy of the representation made in bid documents. Should any of the fronting indicators as contained in the Guidelines on Complex Structures and

Transactions and Fronting, issued by the Department of Trade and Industry, be established during such enquiry/investigation, the onus will be on the bidder/contractor to prove that fronting does not exist.

Failure to do so within a period of 14 days from date of notification may invalidate the bid/contract and may also result in the restriction of the bidder/contractor to conduct business with the public sector for a period not exceeding ten years, in addition to any other remedies the South African Police Service may have against the bidder/contractor concerned.

9. SUPPLIER DUE DILIGENCE

The South African Police Service reserves the right to conduct supplier due diligence prior to final award or at any time during the contract period. This may include site visits.



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10. COMMUNICATION

- 10.1 The Divisional Commissioner: Supply Chain Management: South African Police Service may communicate with bidders where clarity is sought after the closing date of the bid and prior to the award of the contract, or to extend the validity period of the bid, if necessary.
- 10.2 Any communication to any government official or a person acting in an advisory capacity for the State in respect of this bid between the closing date and the award of the bid by the bidder is discouraged.
- 10.3 All communication between the bidder and the Divisional Commissioner: Supply Chain Management must be done in writing.

11. CONTACT DETAILS

11.1 General

The Divisional Commissioner: Supply Chain Management
South African Police Service
Private Bag 254, Silverton
Physical address: 117 Cresswell Rd Silverton, Pretoria

11.2 Bid Enquiries/ Specification /Technical Enquiries

Bid Enquiries

Lt Colonel MS Kekana
Tel: 012 841 7816
Email: KekanaMookho@saps.gov.za

Captain MP Sindane
Tel: 012 841 7503
Email: Sindane@saps.gov.za

CPAC Kenneth Mohlala
Tel: 012 841 7358
Email: MohlalaKK@saps.gov.za



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

Technical Enquiries

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SECTION B

12. CONTRACT PERIOD

- 12.1 The contract period shall be for a period of 36 months (three years) and will commence on the day of acceptance of a bidders proposal and not per financial or calendar year.

13. PARTICIPATING DIVISIONS/ PROVINCES FOR THE SAPS

- 13.1 This is a Provincial Contract which will only be used and managed by the Division Supply Chain Management, Pretoria.

14. LEGISLATIVE/ REGULATORY AND SPECIAL REQUIREMENTS SPECIFIC TO THIS BID

Bidders are required to adhere to the following legislative /regulatory and special requirements. Non-compliance with these conditions will invalidate the bid for such products offered.

- 14.1 Have an active CIDB grading of 5 EP or higher (Electrical Engineering Works – Infrastructure).
- 14.2 The bidder must have at least one Electrical Engineer/Technologist, one Structural Engineer/ Technologist, one Health and Safety officer/Agent, and one personnel with a wiremen's license. Copy of Professional registration, CV with relevant experience (failure to comply with his/her bid will be regarded as non-responsive).
- 14.3 The bidder must have one (1) or more completed projects, proof to be submitted with the bid document (proof of completion certificates/letter/certificate of compliance not older than ten (10) years) (failure to comply with his/her bid will be regarded as non-responsive)
- 14.4 Fully complete and sign all documents and return it with the bid document.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

14.5 Full compliance with the attached specifications for inverter battery backup / solar system.

14.6 Submit all mandatory documents as required.

14.7 All materials used or supplied to the SAPS must be new and must be SANS approved.

14.8 Bidders must take cognisance of the fact that the SAPS' requirement is based on an "as-and when-needed"-basis and is **NOT** quantity based. **NO** quantities can be specified or guaranteed and will be dependent on the ad hoc needs of the SAPS. **Bidders must take cognisance of this fact and must submit their prices.**

14.9 Payment will only be made after the unit has been delivered, placed, set, connected and accepted by the South African Police Service.

14.10 No inferior units or bad workmanship will be accepted or paid for.

14.11 PROFIT MARGIN

In order to determine if the tariffs and prices submitted in this bid document is reasonable and market related a cost breakdown must be submitted on closing date and time of the bid.

	Percentage %
Direct Labour	%
Other Variable Cost	%
Fixed Cost	%
Profit Before VAT	%
	100%

14.11.1 Failure to comply with the above-mentioned conditions **will** invalidate the bid for the item/s concerned.

15 ADDITIONAL DOCUMENTATION/INFORMATION REQUIRED SPECIFIC TO THIS BID

15.1 Format and submission of bid



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

15.1.1 Bidders are required to submit their bids in the following manner:-

Section 1	Standard bidding documents (CIDB, SBD documents)
Section 2	Pricing Schedule and Item Questionnaire
Section 3	Other supporting documentation (CSD, brochures etc.)

16 PRICING STRUCTURE

- 16.1 Prices quoted must be VAT inclusive per unit, item, meter, cubic meter or as indicated.
- 16.2 Prices submitted for this bid must be filled in on the field provided on the pricing schedules supplied with the bid. Price structures that do not comply with this requirement will invalidate the bid.

17 CONTRACT PRICE ADJUSTMENTS

17.1 Formula

17.1.1 Prices submitted for this bid will be regarded as firm for the first year and non-firm for the second year and third year; will be subject to adjustment(s) in terms of the following formula, defined areas of cost and defined periods of time.

17.1.2 Applications for price adjustments must be accompanied by documentary evidence in support of any adjustment claim.

17.1.3 The following price adjustment formula will be applicable for calculating contract price adjustments (CPA).

$Pa = (1 - V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + + Dn \frac{Rnt}{Rno} \right) + VPt$		
Pa	=	The new adjusted price to be calculated
V	=	Fixed portion of the bid price (15% or 0.15)
Pt	=	Original bid price. Note that Pt must always be the original bid price and not an adjusted price
(1-V)Pt	=	Adjustable portion of the bid price (85% or 0.85).
D1 – Dn	=	Each factor (or percentage) of the bid price, e.g., material, labour, transport, overheads, etc. The total of



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

		the various factors (or percentages) $D1 - Dn$ must add up to 1 (or 100%).
$R1t - Rnt$	=	End Index. Index figure obtained from the index at the end of each adjustment period.
$R1o - Rno$	=	Base Index. Index figure at the time of bidding.
VPt	=	15% (or 0.15) of the original bid price. This portion of the bid price remains fixed, i.e. it is not subject to price adjustment.

17.2 Formula component definitions

17.2.1 Adjustable amount

The adjustable amount is the portion of the bid price which is subject to adjustment. In this bid the adjustable amount is 85% of the original bid price. For example, if the bid price is R1000, then only R850 will be subject to adjustment.

17.2.2 Fixed portion

The fixed portion represents those costs which will not change over the adjustment period and DOES NOT represent the profit margin. In this bid the fixed portion is 15% of the original bid price.

Using the same example as above, it would amount to R150 which will remain fixed over the contract period.

17.2.3 Cost components and proportions

The cost components of the contract price usually constitute the cost of materials (raw material or finished product), cost of direct labour, cost of transport and those other costs which are inclined to change. The proportions are the contribution to the contract price of each of these cost components. In this bid the following cost components will be used to calculate contract price adjustments.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

Bidders are requested to submit the cost breakdown of the bid price for each item with their bid. Should the cost breakdown be the same for all items on the bid, please indicate it clearly in the bid document. Bidders will not be allowed to change the cost breakdown of bid prices during the tenure of the contract.

Successful bidders that are direct importers of raw material/finished product can apply for RoE adjustment under cost element D1. If the successful bidder is not a direct importer of raw material/finished product, cost component D1 would not be applicable and only local cost components (D2 - Dn) would be applicable.

Cost Component	% Contribution
D1- Imported Raw Material/Finished product (if applicable)	
D2 - Local Raw Material/Finished product (if applicable)	
D3 - Labour	
D4 - Transport	
D5 – Other	
TOTAL (Cost components must add up to 100%)	100 %

17.2.4 Applicable indices/references

The applicable index refers to the relevant market index, which is a true reflection of price movement(s) in the cost over time. In this bid the following indices or reference will be applicable:

Cost component	Index Publication	Index Reference
D1 – Imported Raw Material/Finished product (if applicable)	Supplier/Manufacturer invoice(s) and remittance advice. ¹	Documentary evidence to accompany claim.
D2 - Local Raw Material/Finished product (if applicable)	CPI OR Supplier/Manufacturer invoice(s) ²	Documentary evidence to accompany claim

¹ In cases where invoices are supplied as documentary evidence, it is advised that invoices closest to the Base Index date and the End Index date be submitted. It should ideally reflect the adjustment period.

² Same as footnote 1.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

D3 - Labour	Labour agreement ³ OR Stats SA PO141 (CPI) Table E	Labour agreement to be provided OR CPI - All Items
D4 – Transport	STATS SA P0141 (CPI) Table E	Table E - Transport – Other Running Cost
D5 – Other	Specify	Documentary evidence to accompany claim

17.2.5 Base Index Date

The base index date applicable to the formula is defined as the date at which the price adjustment starts. In this bid the base index date is **December 2023**.

17.2.6 End Index Date

The end index dates are the dates at **predetermined** points in time during the contract period. In this bid the end indices are defined in the next paragraph (Price Adjustment Periods).

17.2.7 Price Adjustment Periods

Adjustment to contract prices must be applied for at the following dates:

Adjustment	CPA application to reach the office at the following dates	End Index Date	Dates from which adjusted prices will become effective	Dates until which adjusted prices will be effective
1 st Adjustment	1 February 2025	March 2025	3 March 2025	31 January 2025
2 nd Adjustment	1 February 2026	March 2026	3 March 2026	31 January 2026

³ In the absence of a labour agreement, the labour cost component will be adjusted with CPI Headline inflation.



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17.3 Rates of Exchange (RoE) – Base and Average rates

In the event where material and/or finished products are imported the following will apply:

17.3.1 The formula described above will be used and the imported cost component of the bid price (D1) will be adjusted taking into account the base RoE rate (refer paragraph 17.3.4) and the average RoE rate over the period under review indicated in paragraph 17.3.6 below.

17.3.2 In the event where the RoE adjustment goes hand in hand with a material/product price increase, the material/product price (in foreign currency) will be converted to South African currency using the base rate (paragraph 17.3.4) for the earlier invoice and the average RoE rate for the period under review as indicated in paragraph 17.3.6 below for the later invoice.

17.3.3 The imported cost component (D1) will be adjusted together with all the other cost components indicated in paragraph 17.2.3 and 17.2.4 above and at the predetermined dates indicated in paragraph 17.2.7 above.

17.3.4 Rate(s) of exchange to be used in this bid in the conversion of the bid price of the item(s) to South African currency is indicated in the table below.

Currency	Rates of exchange
	3 month average for the period 01 December 2023 to 01 January 2024

17.3.5 Should the bidder make use of any other currency not mentioned above, the bidder is requested to calculate the average for the period 01 December 2023 to 01 January 2024 using the Reserve Bank published rates for the specific currency. Visit www.reservebank.co.za to obtain the relevant rates.

17.3.6 Contract price adjustments due to rate of exchange variations are based on average exchange rates as published by the Reserve Bank for the periods indicated hereunder:



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

Adjustment	Average exchange rates for the period:
1 st Adjustment	29 February 2024 to 29 August 2024
2 nd Adjustment	30 August 2024 to 28 February 2025

General

17.3.7 Unless prior approval has been obtained from the SAPS Bid Adjudication Committee no adjustment in contract prices will be made.

17.3.8 Applications for price adjustment must be accompanied by documentary evidence in support of any adjustment.

17.3.9 CPA applications will be applied strictly according to the specified formula and parameters above as well as the cost breakdown supplied by bidders in their bid documents.

17.3.10 In the event where the supplier's CPA application, based on the above formula and parameters, differs from Contract Management's verification, Contract Management will consult with the supplier to resolve the differences.

17.3.11 Bidders are referred to paragraph 7 of the Special Conditions regarding Counter Conditions.

18 DELIVERY AND QUANTITIES

18.1 Delivery Basis

18.1.1 It is a requirement of this Bid that delivery must take place as follows after official orders have been received by the successful Bidder.

Table 1: Lead times

Amount of design, supply, delivery and installation and commissioning of inverter backup solar system power per Project	Lead Time
Complete system	2 Months



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

18.1.2 As this bid calls for Provincial delivery provision must be made for delivery anywhere within the borders of the Province. No additional delivery costs will be paid.

19 Quantities

19.1 No quantities are reflected in the bid as orders will be placed on the basis of "as and when required" and no guarantee is given or implied as to the actual quantity which will be procured during the contract period.

SECTION C

20 ROLES AND RESPONSIBILITIES

20.1 Contract Administration

20.1.1 The administration and facilitation of the contract will be the responsibility of the Divisional Commissioner Supply Chain Management and all correspondence in this regard must be directed to the following address:

The Divisional Commissioner: Supply Chain Management, Private Bag X254, Pretoria, 0001.

20.1.2 Contractors must advise the Divisional Commissioner Supply Chain Management immediately when unforeseeable circumstances will adversely affect the execution of the contract. Full particulars of such circumstances as well as the period of delay must be furnished.

20.2 Supplier Performance Management

Supplier performance management will be the responsibility of the Section Head Programme and Project Management at the Division Supply Chain Management and where supplier performance disputes cannot be resolved between the contractor and the relevant purchasing institution.

The Divisional Commissioner: Supply Chain Management: Bid Management must be informed for corrective action.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

21 Placement of Orders and Payments

- 21.1 Orders will and may only be placed per SAPS Supply Chain Management who will be responsible for the payment to contractors for goods delivered and/or services rendered.
- 21.2 Contractors should note that the order(s) will be placed as and when required during the contract period and delivery points will be specified.
- 21.3 The instructions appearing on the official order form regarding the supply, dispatch and submission of invoices must be strictly adhered to and under no circumstances should the contractor deviate from the orders issued by the SAPS.
- 21.4 The South African Police Service is under no obligation to accept any quantity which is in excess of the ordered quantity.

22. Delivery Adherence

- 22.1 Delivery of goods/services must be made in accordance with the instructions appearing on the official order forms.
- 22.2 It is a requirement of this Bid that delivery must take place as follows after official orders have been received by the successful Bidder.

Table 1: Lead times

Amount of design, supply, delivery and installation and commissioning of inverter backup solar system power per Project	Lead Time
Complete system	2 Months

- 22.3 Non-compliance to the above-mentioned delivery dates will result in the enforcement of penalties in terms of GCC 2004 and Contract Data.

23 PRODUCT ADHERANCE/BRAND CHANGE

- 23.1 In the event where a bidder offers a specific brand against an item and the item is subsequently awarded to the bidder, it is required of the successful bidder to continue to supply the brand awarded throughout the contract period.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

23.2 In the event that the brand is discontinued, the Divisional Commissioner: Supply Chain Management: Bid Management must be notified of such an occurrence.

24 Contractors are not allowed to deliver a different brand other than the brand awarded to them prior to an approval of brand change from The Divisional Commissioner: Supply Chain Management, SAPS.

25 QUALITY ADHERANCE

25.1 If the delivered supplies are not in accordance with the contract requirements, the cost of inspections, tests and analysis done by an independent testing facility shall be defrayed by the contractor.

25. CERTIFICATES OF COMPLIANCE AND LOCAL AUTHORITY REGISTRATION LETTER FOR BOREHOLE

25.1 An electrical compliance certificate must be issued with each complete system installed

25.2 An electrical compliance certificate must be issued after connection to the main power supply, for each unit

25.3 Borehole registration certificate/ letter from the local authority must be issued for borehole drilled, for each borehole.

25.4 Failure to submit the electrical compliance certificates and/or letter borehole registration(s) will lead to non- acceptance of the borehole system(s) and subsequent no payment.

26. PENALTIES FOR LATE COMPLETION

26.1 Where the contractor fails to bring the works or sections thereof to practical completion on the date or dates stated in the schedule or revision thereof in terms of Clause 43.1 of GCC 2004, the contractor shall be liable to the employer for penalty per calendar day for no completion of the works or each section thereof at the rate in the schedule. The principal-agent shall calculate the penalty due from the date or revised date in terms of Clause 43.1 up to and including the actual date of practical completion of the works or section thereof or the date of cancellation in terms of Clause 56.3.



SPECIAL CONDITIONS OF CONTRACT: BID FOR THE APPOINTMENT OF CONTRACTOR: DESIGN, SUPPLY, DELIVERY; INSTALLATION & COMMISSION OF INVERTER BATTERY BACKUP/SOLAR SYSTEM: FOR THE PERIOD OF THREE (03) YEARS

26.3 Penalties shall be calculated proportionally on the contract value of each phase of the projects.

CALCULATION OF PENALTIES PER DAY (EXCLUDING VAT)

The penalty for failing to complete the works is 0,1% of the contract amount per calendar day. (The contract amount and penalty amount will be determined per site)

CONTENTS OF SPECIAL CONDITIONS

I/we, the undersigned, hereby declare that I/we have read and understand the above and agree to be bound by the stated terms and conditions.

NAME OF BIDDER: _____

CAPACITY: _____

SIGNATURE: _____

DATE: _____

**APPOINTMENT OF CONTRACTOR FOR DESIGN, SUPPLY, DELIVERY,
INSTALLATION AND COMMISSIONING OF INVERTOR BATTERY
BACKUP / SOLAR SYSTEM IN MPUMALANGA PROVINCE, REGION 2
FOR THE PERIOD OF THREE (03) YEARS**

BID: 19/1/9/1/23TB(23)

PART C

CONTRACT

PART C.2.

SCOPE OF WORK AND BILLS OF QUANTITIES



SOUTH AFRICAN POLICE SERVICE

**DESIGN, SUPPLY, DELIVERY, INSTALLATION & COMMISSIONING
OF INVERTER BATTERY BACKUP/SOLAR SYSTEM**

MPUMALANGA PROVINCE REGION 2

(GERT SIBANDE)

ENGINEERING CONTRACT: THREE YEARS

**COMPILED BY: SAPS, Facility Management: Pretoria
JULY 2023**

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SIGNATURE OF THE BIDDER

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PART C 2: DESIGN, SUPPLY, DELIVERY, INSTALLATIONS & COMMISSIONING OF BATTERY BACKUP/SOLAR SPECIFICATIONS AT POLICE STATIONS (GERT SIBANDE) IN MPUMALANGA PROVINCE REGION 2.

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SIGNATURE OF THE BIDDER.....

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1. INTRODUCTION

The South African Police Service under Supply Chain Management Division has a requirement to Design, supply, delivery, installation & commission of INVERTER BATTERY BACKUP/PV SOLAR for POLICE STATIONS (GERT SIBANDE) IN MPUMALANGA PROVINCE REGION 2.

2. SCOPE OF WORKS

The works comprises of Design, supply, delivery, installation & commissioning of INVERTER BATTERY BACKUP/PV SOLAR SYSTEM Power for POLICE STATIONS (GERT SIBANDE) IN MPUMALANGA PROVINCE REGION 2.

The Contractor will provide all equipment's, labour, materials, transportation, test, installation & commissioning of INVERTER BATTERY BACKUP/SOLAR SYSTEM Power for POLICE STATIONS (GERT SIBANDE) IN MPUMALANGA PROVINCE REGION 2 to supply Critical areas, CSC, Cells, passages, outside lights.

The Contractor will issue Certification of Compliance (COC) for all work done.

The Contractor will design, supply, delivery, installation & commissioning of INVERTER BATTERY BACKUP/SOLAR SYSTEM with the following items:

- Solar Panels- Only Tier 1 allowed
- Solar Grid Tied and Hybrid invertors .
- Lithium-ion Battery Storage where applicable.
- Switches, wiring, mountings, rails, cables, lugs, Fuses, connectors, AC/DC combiner box and all accessories.

The Contractor shall ensure that he/she is conversant with the technical specification and applicable standards.



Note: it is the contractor's responsibility to ensure that his/her pricing make provision for the appointment of a registered professional Electrical, civil and structural engineer/technologist in terms of the Engineering and Profession Act 2000 (Act No.46 of 2000)

The Contractor shall complete the functional evaluation criterion table with all information provided in order to ensure their bid is responsive.

Based on the outcome of the functional evaluation, the successful bidder shall proceed further in the evaluation where the financial considerations are taken into account as follows.

The bidder shall ensure that all information is provided to support the functional evaluation as omission of incomplete information shall render the bidder unsuccessful.

3. REGULATIONS, STANDARDS AND REFERENCES

The entire installation shall be carried out to the satisfaction of the SAPS, Facility Management, and shall be carried out in accordance with the following Standard Specifications and Regulations including but not limited to.

- SANS 10400: The application of the National Building Regulations.
- All municipal regulations pertaining to building codes and health and safety requirements.
- South African Occupational Health and Safety Act (Act 85 of 1993).
- ISO 9000/9001 Quality Management Systems.
- SANS 1186 Symbolic safety signs
- SANS 1632 Batteries
- SANS 1652 Battery chargers – industrial type
- SANS 10140 Identification colour marking
- SANS 60529 Degrees of protection provided by enclosures
- SANS 10142-1 Wiring of Premises
- SANS 10198-8 Cable laying and Installation
- SANS 10400 Building regulations
- SANS 10142-2 Medium voltage installations above 1kv a.c. not exceeding 22kv.
- SANS 61084-1-2 Electrical Installation Ducting and Trunking Systems on walls and ceilings
- SANS 61305-1-2.4 Electrical Installation Conduit Fittings
- SANS 767- 1-2 Electrical Earth Leakage Protection units
- SANS 45001 Occupational Health and Safety Act No. 85 of 1993
- SANS 62109-1/ IEC 62109-2

SIGNATURE OF THE BIDDER.....



- NRS 097-2-1: Inverters shall be certified and operate according to SANS 62109-1, IEC 62109-2 and NRS 097-2-1
- The municipal by-laws and any specific requirements of the Local Supply Authority of the area or district concerned.
- Local Fire Regulations

4. NOTICE TO BIDDER

This tender is for the Design, supply, delivery, installation & commission of INVERTER BATTERY BACKUP/SOLAR SYSTEM Power at POLICE STATIONS (GERT SIBANDE) IN MPUMALANGA PROVINCE REGION 2.

The contractor will be obligated in terms of this contract to ensure Design, supply, delivery; installation & commission of INVERTER BATTERY BACKUP/SOLAR SYSTEM Power at POLICE STATIONS (GERT SIBANDE) IN MPUMALANGA PROVINCE REGION 2 are completed within duration stipulated.

The contractor shall fully acquaint themselves with the nature of the work carried out, the locality of the facility and any possible hindrances in the execution of Inverter Battery backup/Solar System, warranty and to allow for these entire factors in their price, as any later claim based on unforeseen events or knowledge will not be entertained.

The contract shall be entirely responsible for referencing all relevant standard specification of the SAPS and SANS or other applicable published standard whether such standard is referenced in this document or not and ensuring compliance with the Engineering Works therewith. All equipment supplied shall be from suppliers that have proven track record and with aftersales technical support as well as complies with the small scale embedded generation requirement of the municipal area to be installed.

The references in this document to standard specification shall not be construed as limiting, and are given merely as a guide for basic reference. Where SABS is stated, the applicable SANS shall apply. The SAPS further reserve the right to accept or decline such variations.

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- Any equipment or part of the equipment shall not be removed from devolved and non-devolved facilities for repairs or otherwise unless permission is granted by POLICE STATION in consultation with Division Supply chain Management /Facility Management Programme and Project Management. If it happens that such equipment or part of the equipment is removed without the permission, such equipment or part of the equipment will be returned to where it was taken at no cost to SAPS.
- All installations must adhere to local wiring regulations and standards.
- This contract required Grading of 5 EP or higher (Electrical Engineering Project Works).
- For the bid submission a Bill of Quantity (BoQ) is provided below.
- Sizes of 8kW single phase, 12kW 3phase, and 50kW 3phase is priced herein, but the size of the backup/solar plants may vary as per the table below. In the interest of standardizations, spares and ease of maintenance and operation, these system and component sizes will be utilized in multiples of the equipment where the required power on site exceed a single size as per the table below, and the information provided will be multiplied accordingly to meet the requirements.
- Note that the equipment and pricing must permit scaling and parallelizing of equipment for more power to facilitate this requirement of selecting different battery, inverter and solar combinations
- The below table is a simple guide and may vary in terms of solar power kWp, inverter power kVA and battery storage capacity.kWh
- The battery storage indicated is an estimate only based on peak demand of C2 rating
- The solar size is dependent on the permissible roof space or not and also maximum DC input of the inverter assumed
- The table is a guide only to intended system sizing from the BoQ



PART C 2: DESIGN, SUPPLY, DELIVERY, INSTALLATIONS & COMMISSIONING OF BATTERY BACKUP/SOLAR SPECIFICATIONS AT POLICE STATIONS (GERT SIBANDE) IN MPUMALANGA PROVINCE REGION 2.

item	Power required @ site	System size proposed from BoQ	Estimated Storage size proposed from BoQ	Estimated Solar kWp
1	8kW@220VAC	8kW x1	15.2kWh	8kWp
2	12kW@400VAC	12kW x1	20kWh	12kWp
3	16kW@ 220VAC	8kW x2	30kWh	16kWp
4	25kW@400VAC	12KW x2	40kWh	40kWp
5	50kw@400VAC	50KW x1	100kWh	100kWp
6	100kW@400VAC	50KX x2	120kWh	120kWp
7	150KW@400VAC	50kw x3	200kWh	150kWp
8				

The combination of equipment will be site specific and shall be made in consultation with the SAPS engineer prior to commencement of works including whether a grid tied or hybrid storage system is best suited to user requirements

5. TECHNICAL REPORT AND SPECIFICATION

After the design, supply, delivery, installation & commissioning of INVERTER BATTERY BACKUP/SOLAR SYSTEM are complete, full training shall be provided by the contractor with detail guidelines.

The contractor shall provide:

- a full set of AS-BUILT drawings including SLD, DC, AC reticulation detail to the SAPS engineer as part of the handover documentation
- technical manuals and warrantee documentation on main equipment incl solar panels/inverters/batteries
- Practical completion certificates signed by PrEng/Pr Tech (ECSA)
- Commission test results report
- Project Closeout Report
- Certificate of compliance (COC)

SIGNATURE OF THE BIDDER.....

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