

**KWAZULU-NATAL PROVINCE**COMMUNITY SAFETY AND LIAISON
REPUBLIC OF SOUTH AFRICA*"Building United Front Against Crime"***REQUEST FOR QUOTATION**

Supplier Name	
Contact Name	
Fax Number or Email	
Telephone Number	

Please provide a quotation for the following items and fax / e-mail to the Department

Contact Person	Ndumiso Mdabe
Fax Number	033 341 9361
Telephone Number	033 341 9426
E-mail	ndumiso.mdabe@comsafety.gov.za

Detailed description of goods/services required.

No	ITEM DESCRIPTION	Quantity	Unit price (Excl...Vat)	Total Price (Excl...Vat)
1.	Request for Procurement of 90 Hand Set Radios as follows: ➤ Terms of Reference/ Specification Attached ➤ Service Evaluation Criteria is Attached	90		
	Closing Date: 19 January 2024 @ 11H00			
	TOTAL PRICE (EXCL.... VAT)			
	VAT @ 15%			
	TOTAL PRICE (INCL.... VAT)			

Delivery Time of Service	08H00
Delivery Date	01 February 2024
Delivery Place	Amanzimtoti SAPS
Validity Period	30 DAYS

Signature of Procurement OfficialDate: **10/01/2024****NOTE TO SUPPLIERS**

All quotations must include the following:		COMPANY STAMP
All costs inclusive of VAT (if applicable)		
Company and Intellectual Property Commission Certificate (CIPC)		
Complete attached declaration of interest form (SBD4)		
Complete attached SBD 6.2 Annexure C, D & E (Local Content)		
Complete attached Annexure D (POPIA)		

Complete attached SCM Preferential points claim form		
Please provide valid BBBEE Certificate or a sworn affidavit		
All service providers to note the following: All quotations will be evaluated using 80/20 preference point system. No goods/ services MUST be rendered before an official purchased order is issued by the Supply Chain Management unit of the department. No invoices will be paid for any services or supplies provided without a valid order number. All suppliers doing business with the state/government must be registered on CSD. Suppliers are advised to registered on CSD by going on to the following link (www.csd.gov.za). Suppliers who are not register on CSD will not be paid.		

Supplier Signature

Date:

Complete attached declaration Certificate Form Local Production and Content (SBD 6.2) and Annexure C.D & E

Bidders with locally produced or locally manufactured items (as per tables below) with a stipulated minimum threshold for local production and content will be able to claim points for specific goals.

The stipulated minimum threshold for Local Production and Content for this bid/ quotation will be as follows:

Office Furniture as attached:

Number	Description	% Local Content
1.	Melamine office desk with drawers	70%
2.	Office desk(drawers) with timber top on steel frame	90%
3.	Office desk (drawers) with supawood (MDF) top on steel frame	90%
4.	Melamine/ Paper foil office desk with drawers	70%
5.	Stacker upholstered chair- 4 legged without arms	100%
6.	Side upholstered chair-sleigh base with arms	70%
7.	High Back upholstered chair with arms on 5-star base	65%
8.	Steel stationery cupboard	100%
9.	Steel drawer(s) filling cabinet	100%
10.	Wood stationery cupboard	100%
11.	Wood drawer(s) filing cabinet	100%

Textile, Clothing, Leather, Footwear is 100% of Local Content:

Number	Description	% Local Content
1.	Textile	100%
2.	Clothing	100%
3.	Leather	100%
4.	Footwear	100%

-Suppliers who fail to meet the above minimum thresholds will not claim points for specific goals.

No points will be allocated for specific goals if-

- (a) This Declaration Certificate and the Annexure C, D & E (Local Content Declaration: Summary Schedule) are not submitted as part of the bid/ quotation documentation.
- (b) Due Diligence- Suppliers must provide a letter from their Manufacturers, where the goods are being purchased from to prove that the goods are locally manufactured or produce.

COMPANY STAMP

Supplier Signature

Date:

PART A
INVITATION TO QOUTE

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF COMMUNITY SAFETY AND LIAISON

RFQ NUMBER:	J 363813		CLOSING: 19 January 2024		CLOSING TIME:11H00 AM		
DESCRIPTION	PROCUREMENT OF 90 HAND SET RADIOS						
BID/ QOUTE11 RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)							
DEPARTMENT OF COMMUNITY SAFETY AND LIAISON							
179 JABU NDLOVU STREET (MONDI BUILDING)							
PIETERMARITZBURG							
3200							
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:				
CONTACT PERSON	Ndumiso Mdabe		CONTACT PERSON	Mr M Mnqayi			
TELEPHONE NUMBER	033-3419426		TELEPHONE NUMBER	033-3419300			
FACSIMILE NUMBER	033-3419361		FACSIMILE NUMBER	033-3419361			
E-MAIL ADDRESS	ndumiso.mdabe@comsafety.gov.za		E-MAIL ADDRESS	Mvuseni.mnqayi@comsafety.gov.za			
SUPPLIER INFORMATION							
NAME OF BIDDER							
POSTAL ADDRESS							
STREET ADDRESS							
TELEPHONE NUMBER	CODE		NUMBER				
CELLPHONE NUMBER							
FACSIMILE NUMBER	CODE		NUMBER				
E-MAIL ADDRESS							
VAT REGISTRATION NUMBER							
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA		
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX]			B-BBEE STATUS LEVEL SWORN AFFIDAVIT	[TICK APPLICABLE BOX]		
	<input type="checkbox"/> Yes		<input type="checkbox"/> No		<input type="checkbox"/> Yes		<input type="checkbox"/> No
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]							

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS			

PART B

TERMS AND CONDITIONS FOR BIDDING/ QUOTATION

1. BID SUBMISSION:

- 1.1. BIDS/ QUOTES MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS/ QUOTES MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID/ QUOTE DOCUMENT.**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID/ QUOTE
- 2.5 IN BIDS/ QUOTES WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS/ QUOTES WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID/ QUOTES INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

(Proof of authority must be submitted e.g. company resolution)

DATE:

Annex C

Local Content Declaration - Summary Schedule

Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1) Tender No.			
(D2) Tender description:			
(D3) Designated Products:			
(D4) Tender Authority:			
(D5) Tendering Entity name:			
(D6) Tender Exchange Rate:	Pula	EU	R 9.00
		GBP	R 12.00

A. Exempted imported content

(D19) Total exempt imported value

This total must correspond with
Annex C-C21

B. Imported directly by the Tenderer

(D32) Total imported value by tenderer

C. Imported by a 3rd party and supplied to the Tenderer

(D45) Total imported value by 3rd party

D. Other foreign currency payments

D. Other foreign currency payments		Calculation of foreign currency payments			Summary of payments
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Local value of payments
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(252) *Environ Monit Assess* (2013) 197:100–106
 © Springer Science+Business Media B.V. 2013

This total must correspond with
Annex C - C23

Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1)	Tender No.	
(E2)	Tender description:	
(E3)	Designated products:	
(E4)	Tender Authority:	
(E5)	Tendering Entity name:	

Note: VAT to be excluded from all calculations

(E10) **Manpower costs** (Tenderer's manpower cost)

1000

(E11) **Factory overheads** (Rental, depreciation & amortisation, utility costs, consumables etc.)

1000

(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.)

1000

(E13) Total local content

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____



KWAZULU-NATAL PROVINCE
COMMUNITY SAFETY AND LIAISON
REPUBLIC OF SOUTH AFRICA

Private Bag X9143, PIETERMARITZBURG, 3200

SUPPLY CHAIN MANAGEMENT

Mondi House Building, 179 Jabu Ndlovu Street, Pietermaritzburg, 3201

Tel: 033 341 9300 Fax: 033 341 9316

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

- Full Name of bidder or his or her representative:
.....
- Identity Number:
- Position occupied in the Company (director, trustee, shareholder²):
.....
- Company Registration Number:
.....
- Tax Reference Number:
.....
- VAT Registration Number:
.....

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.

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 State institution	State Employee Number/ Persal Number

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

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.

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 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



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LOCAL PRODUCTION AND CONTENT

This form must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the existing Preferential Procurement Regulations, 2011. the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Department of Trade, Industry, & Competition makes provision for the promotion of local production and content.
- 1.2. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.3. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on <http://www.thedti.gov.za/industrial-development/ip.jsp> at no cost.

1.4. No points will be allocated for specific goals if-

- a) This Declaration Certificate and the Annexure C, D & E (Local Content Declaration: Summary Schedule) are not submitted as part of the bid/ quotation documentation.
- b) Due Diligence- Suppliers must provide a letter from their Manufacturers, who the goods are being purchased from to prove that the goods are locally manufactured or produce.

2. Definitions

- 2.1. **“bid”** includes written price quotations, advertised competitive bids or proposals;
- 2.2. **“bid price”** price offered by the bidder, excluding value added tax (VAT);
- 2.3. **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- 2.4. **“designated sector”** means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;
- 2.5. **“duly sign”** means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility (close corporation, partnership or individual).
- 2.6. **“imported content”** means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour or intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;
- 2.7. **“local content”** means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;
- 2.8. **“stipulated minimum threshold”** means that portion of local production and content as determined by the Department of Trade and Industry; and
- 2.9. **“sub-contract”** means the primary contractor’s assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.

3. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

Description of services, works or goods

Stipulated minimum threshold

AS PER ATTACHED REQUEST FOR QUOTATION FORM

_____ %

_____ %

4. Does any portion of the services, works or goods offered have any imported content?

(*Tick applicable box*)

YES		NO	
-----	--	----	--

- 4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

5. Were the Local Content Declaration Templates (Annex C, D and E) audited and certified as correct?

(Tick applicable box)

YES		NO	
-----	--	----	--

5.1. If yes, provide the following particulars:

- (a) Full name of auditor:.....
- (b) Practice number:
- (c) Telephone and cell number:.....
- (d) Email address:

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer / Accounting Authority)

6. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO.

ISSUED BY: (Procurement Authority / Name of Institution):
.....

NB

1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <http://www.thdti.gov.za/industrialdevelopment/ip.jsp>. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names), do hereby declare, in my capacity as of (name of bidder entity), the following:

(a) The facts contained herein are within my own personal knowledge.

(b) I have satisfied myself that:

- (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (ii) the declaration templates have been audited and certified to be correct.

(c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in

paragraph 4.1 above and the information contained in Declaration D and E.

(d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.

(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2011 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

DATE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____



KWAZULU-NATAL PROVINCE

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SUPPLY CHAIN MANAGEMENT

ANNEXURE D - SUPPLY CHAIN MANAGEMENT NOTICE

PROTECTION OF PERSONAL INFORMATION ACT, 2013

DECLARATION BY PROSPECTIVE SUPPLIERS / SERVICE PROVIDERS

The Department of Community Safety and Liaison (hereafter 'the department') and its employees collect and process the personal information of prospective suppliers or service providers for purposes of supply chain management, including, but not limited to, –

- *evaluating and adjudicating quotations or bids;*
- *communication with suppliers or service providers;*
- *drafting contracts such as Service Level Agreements;*
- *contract management;*
- *taking appropriate action in the event of any breach of contract;*
- *payment of invoices; and*
- *compiling reports.*

The personal information may also be disclosed or processed when –

- *the department has a duty or a right to disclose same in terms of any law; or*
- *it is necessary to protect the rights of the department.*

I declare that all the information provided (including any attachments) is complete and correct to the best of my knowledge. I understand that -

- *the supply of this information is mandatory in order to evaluate the quotation or bid in pursuance of the request for quotation or tender;*
- *failure to supply same would result in disqualification; and*
- *any false information may result in criminal prosecution and/or being reported to Treasury.*

The personal information collected may be shared with and processed by –

- *the BAS system and administrators of the system;*
- *the Provincial and National Treasury;*
- *the State Information Technology Agency;*
- *the Auditor-General;*

- *Law enforcement agencies;*
- *the South African Revenue Services;*
- *Provincial Archives; or*
- *any other Organs of State for purposes of performing their public functions or their agents.*

I acknowledge that any personal information shall be retained for a period of years before being destroyed by the Provincial Archives. I accept that the processing of the personal information shall be in accordance with the Protection of Personal Information Act, 2013 and shall be for any one or more of the following purposes:

- *processing necessary for supply chain management;*
- *processing in pursuance of an obligation imposed by law on the Public Service;*
- *processing in order to protect a legitimate interest of mine / the company;*
- *processing necessary for the proper performance of a public law duty of the Public Service; or*
- *processing necessary for pursuing the legitimate interests of the Public Service or of a third party to whom the information is supplied.*

I hereby consent to the processing of personal information in accordance with the Protection of Personal Information Act, 2013 and I acknowledge that I have the right to –

- *access to and the right to rectify the information collected;*
- *the right to object to the processing of personal information to protect a legitimate interest or processing that is necessary for the proper performance of a public law duty by a public body, on reasonable grounds relating to my particular situation, unless legislation provides for such processing; and*
- *lodge a complaint to the Regulator (complaints.IR@justice.gov.za).*

SIGNATURE (DULY AUTHORISED)

DATE

FULL NAMES:

COMPANY NAME:



KWAZULU-NATAL PROVINCE

COMMUNITY SAFETY AND LIAISON
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SUPPLY CHAIN MANAGEMENT

Mondi House Building, 179 Jabu Ndlovu Street, Pietermaritzburg, 3201

Tel: 033 341 9300 Fax: 033 341 9316

SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF SPECIFIC GOALS, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 **To be completed by the organ of state**

a) The value of this bid is estimated to **not exceed** R50 000 000 (all applicable taxes included) and therefore the **...80/20.....** preference point system shall be applicable; or

1.3 Points for this bid shall be awarded for:

- Price; and
- Specific goals (HDI).

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS:	20
Historically Disadvantaged Individuals (HDI)	
Total points for Price and Specific Goals (Must not exceed 100)	100

1.5 Failure on the part of a bidder to submit proof or documentation required in terms of this bid to claim points for specific goals together with the bid, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at

any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals.
- (b) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act.
- (c) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (d) **“price”** means an amount of money tendered for goods or services and includes all applicable taxes less all unconditional discounts.
- (e) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes.
- (f) **“tender for income-generating contracts”** means a written offer in form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in legal agreement between the organ of state and the 3rd party that produces revenue for the organ of state, and includes, but not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (g) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000)

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$P_S = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_S = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

Ps = Points scored for price of bid under consideration

P_t = Price of bid under consideration

Pmin = Price of lowest acceptable bid

4. POINTS AWARDED FOR SPECIFIC GOALS

41

In terms of Regulation 4 (2); 5 (2); 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for specific goals stated. For the purposes of this bid the bidder will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this bid:

4.2

In cases where organs of state intend to use Regulation 3 (2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the bid documents, stipulates in the case of-

(a) an invitation for bid for income-generating contracts, that either the 80/20 or 90/10 preference points system will apply and that the highest acceptable tender will be used to determine the applicable preference points system: or

(b) any other invitation for bid, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference points system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the bid and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to bidders: The bidder must indicate how they claim points for each preference point system.)

The Specific Goals allocated points in terms of this bid	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 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)
Black People		6		
Black Women		4		
Black Persons with Disability		4		
Promotion of Black Youth		4		
Black Military Veterans		2		
Local Content & Production				

5. DECLARATION WITH REGARD TO COMPANY/FIRM

5.1 Name of company/firm:.....

5.2 VAT registration number:.....

5.3 Company registration number:.....

5.4 TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One person business/sole proprietor
- Close corporation
- Company

(Pty) Limited
[TICK APPLICABLE BOX]

5.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....
.....
.....

5.6 COMPANY CLASSIFICATION

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

5.7 Total number of years the company/firm has been in business:.....

5.8 I/we, the undersigned, who is / are 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 bid, qualifies the company /firm for the preferences 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 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser 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 purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding 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 bidder or contractor, its shareholders, and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury 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.

WITNESSES	
1.
2.

.....	
SIGNATURE(S) OF BIDDERS(S)	
DATE:
ADDRESS
.....	
.....	



KWAZULU-NATAL PROVINCE

COMMUNITY SAFETY AND LIAISON
REPUBLIC OF SOUTH AFRICA

ANNEXURE A1-SCM PREFERENCE POINTS CLAIM FORM

Private Bag X454, Pietermaritzburg, 3200

SCM

179 Jabu Ndlovu Street, Pietermaritzburg, 3200

Tel: 033- 341-9300 Fax: 033- 342-6345

SUPPLY CHAIN MANAGEMENT PREFERENTIAL PROCUREMENT POINTS CLAIM FORM – 80/20 Preference points claim form.

Name of Company: _____ CSD NUMBER: _____

No	Preferential Goals		Allocation of points	Points Claimed by Supplier	Evidence documents Submitted Y/N	SCM Officials Scoring based on evidence produced
1.	Black People		6			
2.	Black Women		4			
3.	Black Persons with Disabilities		4			
4	Promotion of Black Youth		4			
5	Black Military Veterans		2			
6	Local Content & Production					
	Total Score Achieved					

All Bids will be evaluated based on 80/20, where 80 is the price and 20 is preferential specific goals. The preference for this bid J367217 will be given to black youth/ black persons with disabilities/ black military veterans.

DECLARATION

I, THE UNDERSIGNED (NAME).....

CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder



KWAZULU-NATAL PROVINCE

COMMUNITY SAFETY AND LIAISON
REPUBLIC OF SOUTH AFRICA

Evidence documents required to be submitted by the supplier to claim points.

1. Preference points allocated for **black women** may be claimed if there is sufficient evidence that such woman has ownership of 51% or more of the enterprise shareholding. The Companies and Intellectual Property Commission certificate of the company must be submitted with the Identity Document and CSD report containing information on ownership.
2. Preference points allocated for **persons with disabilities**. A letter from Registered Medical Practitioner should be produced that indicates proof of disability. The Companies and Intellectual Property Commission certificate of the company must be submitted with the Identity Document and CSD report containing information on ownership.
3. Preference points allocated for **promotion of black youth** may be claimed if there is sufficient evidence that such black youth has ownership of 51% or more of the enterprise shareholding. The Companies and Intellectual Property Commission certificate of the company must be submitted with the Identity Document and CSD report containing information on ownership.
4. Preference points allocated for promotion of **Military Veterans**. Proof must be submitted that the supplier is registered on the Military Veteran database. The Companies and Intellectual Property Commission certificate of the company must be submitted with the Identity Document and CSD report containing information on ownership.
5. Preference points allocated for promotion of **black people** may be claimed if there is sufficient evidence that such **black people** have ownership of 51% or more of the enterprise shareholding. The Companies and Intellectual Property Commission certificate of the company must be submitted with the Identity Document and CSD report containing information on ownership.
6. Preference points allocated for promotion of **Local Production & Content** may be claimed if the bidder provide a letter from their Manufacturers where the goods are being purchased from to prove that the goods are locally manufactured or produced.

A bidder that fails to submit proof where he/she has claimed points will score zero points for that specific goal.

Definition of Black People: Has the meaning assigned to it in Section 1 of the Broad- Based Black Economic Empowerment Act: Black people means African, Indians & Coloured people.



KWAZULU-NATAL PROVINCE

COMMUNITY SAFETY AND LIAISON
REPUBLIC OF SOUTH AFRICA

1. EVALUATION CRITERIA (PROCUREMENT OF 90 HAND SET RADIOS)

1.1. STAGE 1 - SCM COMPLIANCE

The evaluation during this stage is to review quotation responses for the purposes of assessing compliance with bidding requirements, which includes the following:

- 1.1.1. Proof of registration with CSD
- 1.1.2. Duly completed Standard Bidding Documents
- 1.1.3. Price Schedule
- 1.1.4. POPIA Form

Failure to comply with stage 1 will lead to the bidder being disqualified, and not considered for further evaluation.

2. STAGE 2 - TECHNICAL EVALUATION

- Suppliers must produce samples and carry out a demonstration of the product which must be approved by the end user.

Failure to comply with stage 2 will lead to the bidder being disqualified, and not considered for further evaluation

3. Phase 3 Preference Point System

3.1. The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS: Historically Disadvantaged Individuals (HDI)	20
Total points for Price and Specific Goals (Must not exceed 100)	100

3.2. Failure on the part of a bidder to submit proof or documentation required in terms of this bid to claim points for specific goals together with the bid, will be interpreted to mean that preference points for specific goals are not claimed.

3.3. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

.....
SIGNATURE OF BIDDER OR AUTHORISED REPRESENTATIVE
DATE :

Dual-mode Rugged Radio

Technical Specifications

Wireless Data Communication

Narrow Band	UHF:340~470 MHz;VHF:136-174MHz
LTE	3GPP LTE; FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B20/B26/B28; TDD-LTE: B38/B39/B40/B41
CDMA	CDMA 1xRTT BCO; CDMA2000 1xEV-DO BCO
WCDMA	B1/B2/B4/B5/B8
GSM	850/900/1800/1900 MHz
WLAN	802.11 a/b/g/n/ac, 2.4 GHz/5 GHz
NFC	13.56 MHz
BT	V4.2, BDR/EDR/BLE
Positioning	GPS/BDS/GLONASS/Galileo/QZSS/A-GPS

Technical Specifications

General

Dimensions(H×W×D) mm	140 mm × 60 mm × 29.1 mm
Weight	325±5g
Operating System	Android 10.0
Peripheral Interface	13PIN Accessory/Charging Port
Display	Top Screen:0.92" 128x88 Color: black & white; Main Screen: 3.6" 1280x720, Color depth: 24bit; Capacitive, Touch Screen, Gloves Proofed, Passive Stylus
Card Slots	2x Nano SIM card; 1x Micro SD card; 1x Encryption card for narrowband
Camera	Front: 8MP; Rear: 13MP
Operating Voltage	7.7V(Rated)
Battery	2400 mAh Li-polymer, 7.7V(Rated);4000 mAh Li-polymer, 7.7V(Optional)

Technical Specifications

Transceiver

Channel Spacing	12.5 kHz/20 kHz/25 kHz
TX Power	UHF: 1W/4W VHF: 1W/5W

Digital Vocoder Type

AMBE+2™

Technical Specifications

Environmental

ESD

IEC 61000-4-2 (Level 4), ±8 kV (Contact), ± 15 kV (Air)

Dust & Water Protection

IEC60529- IP68 (2m, 4h), IEC60529- IP66

PDC680

Dual-mode Rugged Radio

Handheld | LTE-PMR | GPS

PDC680 dual-mode rugged radio combines a mission-critical DMR radio with an Android-based smartphone in a single device. It harnesses the power of narrowband and broadband technologies to provide mission-critical voice call, photo and video taking, positioning, etc. This innovative radio enables seamless communications between the DMR network and public networks such as 2G, 3G, LTE, and WLAN.

Highlights

Loud and clear audio

Using the enlarged front chamber technology and professional acoustic design, the PDC680 can output sound up to 128 dB. The PDC680 adopts AI-based noise cancellation, echo cancellation, and

Rugged and durable

Rated at IP68 and ESD IEC Level 4, the PDC680 withstands water, dust, and electrostatic discharge. It can also withstand a 1.5-meter drop from all angles. The industrial-grade touchscreen

wind noise reduction technologies to ensure crystal and clear audio in noisy environments.

stands up to continuous use in any weather.

All-in-one device

The PDC680 combines a DMR radio and a smartphone into a single device with a highly integrated and modular design. So you do not need to carry two separate handsets for accessing voice, data, video, and more.

Functions

Precise Positioning

The PDC680 provides fast and accurate positioning to track people or devices, indoor and outdoor. The GPS, Galileo, GLONASS, QZSS, BDS, and A-GPS are used for outdoor positioning, while the location-based service (LBS) and WLAN are adopted for indoor positioning.

Automatic Switch

The PDC680 can automatically switch between the DMR network and the LTE network. Registering with both networks using the same ID, the PDC680 can always select the optimal one to deliver smooth and reliable voice communications everywhere, indoors or out.

Live Streaming

Thanks to the dual HD cameras, the PDC680 allows you to capture on-site pictures and videos and then send them to another radio or command center in real-time to improve situational awareness dramatically. The PDC680 also supports the external camera.

Purpose-built App

With the Android system, the PDC680 can support system-level apps developed by Hytera and other third-party apps. This helps you communicate and respond efficiently.

Smart Management

You can remotely manage radios in batches, including upgrade, programming, permission control, key configuration, app management, device health management, and data backup and recovery.

Accessories

Batteries

BP2402

Smart Li-Poly Battery (2400 mAh)

BP4005

Smart Li-Poly Battery (4000 mAh)

Chargers

OL13

top Charger

Other Accessories

195

Screen Protector (PET)

Radio Antennas

AN0435H24

UHF (400-470MHz/1575MHz) 9cm

Carrying Cases

BC39

Spring Belt Clip

RO03

Nylon Strap

Cables

PC152

Programming Cable

Audio

EHW08

BT earpiece

Technical Specifications

Wireless Data Communication

Narrow Band	UHF:340~470 MHz;VHF:136-174MHz
LTE	3GPP LTE; FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B20/B26/B28; TDD-LTE: B38/B39/B40/B41
CDMA	CDMA 1xRTT BC0; CDMA2000 1xEV-DO BC0
WCDMA	B1/B2/B4/B5/B8
GSM	850/900/1800/1900 MHz
WLAN	802.11 a/b/g/n/ac, 2.4 GHz/5 GHz
NFC	13.56 MHz
BT	V4.2, BDR/EDR/BLE

Positioning

GPS/BDS/GLONASS/Galileo/QZSS/A-GPS

Technical Specifications

General

Dimensions(H×W×D) mm 140 mm × 60 mm × 29.1 mm

Weight 325±5g

Operating System Android 10.0

Peripheral Interface 13PIN Accessory/Charging Port

Display Top Screen:0.92" 128x88 Color: black & white; Main Screen: 3.6" 1280x720, Color depth: 24bit; Capacitive, Touch Screen, Gloves Proofed, Passive Stylus

Card Slots 2x Nano SIM card; 1x Micro SD card; 1x Encryption card for narrowband

Camera Front: 8MP; Rear: 13MP

Operating Voltage 7.7V(Rated)

Battery 2400 mAh Li-polymer, 7.7V(Rated);4000 mAh Li-polymer, 7.7V(Optional)

Technical Specifications

Transceiver

Channel Spacing	12.5 kHz/20 kHz/25 kHz
TX Power	UHF: 1W/4W VHF: 1W/5W
Digital Vocoder Type	AMBE+2™

Technical Specifications

Environmental

ESD	IEC 61000-4-2 (Level 4), ±8 kV (Contact), ± 15 kV (Air)
Dust & Water Protection	IEC60529- IP68 (2m, 4h), IEC60529- IP66



Dual-mode Rugged Radio

PDC680

**ALL IN ONE ALL IN CONTROL
MISSION CRITICAL FOCUSED**



www.hytera.com



Overview

Hytera PDC680 dual-mode rugged radio combines a mission-critical DMR radio with an Android-based smartphone in a single device. It harnesses the power of narrowband and broadband technologies to provide mission-critical voice call, photo and video taking, positioning, and more. This innovative radio enables seamless communications between DMR network and public network such as 2G, 3G, LTE, and WLAN.

As a professional rugged radio, the PDC680 is engineered for effortless usability. The ergonomic design on smart knob and keys and the modular design on UIs make it easy for you to accomplish tasks with one hand.



Key Features



All-in-one device



Dual screens



IP68



Smart knob



Loud and clear audio



AI-based noise cancellation

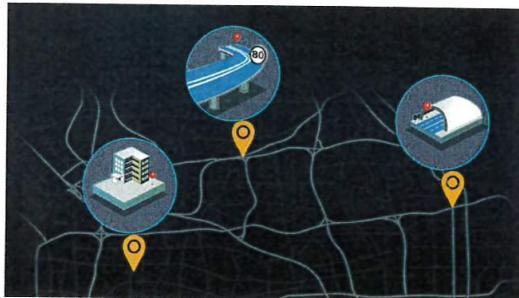


Remote control



Precise positioning

The PDC680 provides fast and accurate positioning to track people or devices, indoor and outdoor. The GPS, Galileo, GLONASS, QZSS, BDS, and A-GPS are used for outdoor positioning, while the location-based service (LBS) and WLAN are adopted for indoor positioning.



Live streaming

Thanks to the dual HD cameras, the PDC680 allows you to capture on-site pictures and videos, and then send them to another radio or command center in real time to dramatically improve situational awareness. The PDC680 also supports the external camera.



Automatic switch

The PDC680 can automatically switch between DMR network and public network. Registering with both networks using the same ID, the PDC680 can always select the optimal one to deliver smooth and reliable voice communications everywhere, indoors or out.



Purpose-built app

With the Android system, the PDC680 can support system-level apps developed by Hytera and other third-party apps. This helps you communicate and respond efficiently.



③



Loud and clear audio

Using the enlarged front chamber technology and professional acoustic design, the PDC680 can output sound at up to 128 dB. To ensure crystal and clear audio in noisy environments, the PDC680 adopts AI-based noise cancellation, echo cancellation, and wind noise reduction technologies.



Rugged and durable

Rated at IP68 and ESD IEC Level 4, the PDC680 withstands water, dust, and electrostatic discharge. It can also withstand 1.5-meter drop from all facets. The industrial-grade touchscreen stands up to continuous use in any weather. All these help the PDC680 survive harsh environments.



All-in-one device

With highly integrated and modular design, the PDC680 combines a DMR radio and a smartphone into a single device. So you do not need to carry two separate handsets for accessing voice, data, video, and many more.



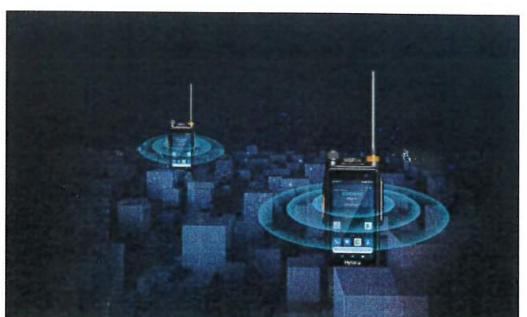
All-round security assurance

The PDC680 can secure the voice and data through authentication, software and hardware encryption, or more. TrustZone protects the system; full-disk encryption (FDE) protects the user data; air interface encryption (AIE) and end-to-end encryption (E2EE) protect the voice and data communication; and remote control helps you manage radios.



Smart management

You can remotely manage radios in batches, including upgrade, programming, permission control, key configuration, app management, device health management, and data backup and recovery.



Accessories

Standard



Optional



Specifications

Wireless Data Communication

DMR/Analog	340-470MHz
LTE	3GPP LTE FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B20/B26/B28 TDD-LTE: B34/B38/B39/B40/B41
CDMA	CDMA 1xRTT BC0 CDMA2000 1xEV-DO BC0
WCDMA	B1/B2/B4/B5/B8
TD-SCDMA	B34/B39
GSM	850/900/1800/1900MHz
WLAN	802.11 a/b/g/n/ac, 2.4GHz/5GHz
NFC (Optional)	13.56MHz
BT	V4.2, BDR/EDR/BLE
Positioning	GPS/BDS/GLONASS/Galileo/QZSS/A-GPS Position performance for open zone: TTFF (Cold boot)<1 minute Horizontal accuracy<5m(95% probable at -130dBm)

Transceiver

Channel Spacing	25/20/12.5kHz
TX Power	1W/3W (Analog) 1W/4W (DMR)
RX Sensitivity	Analog: 0.14uV/-124 dBm(12dB SINAD) @12.5kHz (Typical) Digital: 0.16uV/-123 dBm @BER5% (Typical)
Inter-modulation	TIA-603: 70dB ETSI: 65dB
Blocking	84dB
Spurious Rejection	TIA-603: 70dB ETSI: 70dB
Adjacent Channel Selectivity	TIA-603: 60dB@12.5kHz/70dB@20/25kHz ETSI: 60dB@12.5kHz/70dB@20/25kHz
Frequency Stability	±0.5ppm
Audio Output	2W
Audio Distortion	≤3%
Digital Vocoder Type	AMBE+2™

General

Dimensions (H x W x D)	140 x 60 x 29.1mm
Weight (with antenna & battery)	325±5g
AP Processor	8-core, 1.8GHz
Operating System	Android 10
Google Certification	Google Mobile Services
Memory	RAM: 3GB; ROM: 32GB eMMC Supports up to 256GB with Micro SD card
Ports	13PIN Accessory/Charging Port
Top Screen	0.92" 128x88 Color; black & white
Main Screen	3.6" 1280x720, Capacitive, Touch Screen, Gloves Proofed, Passive Stylus
Card Slots	2 Nano SIM cards 1 Micro SD card 1 Encryption card for Narrowband
Front Camera	8MP, Fixed Focus
Rear Camera	13MP, Auto Focus
Sensors	Proximity Sensor Ambient Light Sensor 6-axis sensor (accelerometer + gyroscope) Magnetometer Accelerometer

Battery

Standard	2400 mAh Li-polymer, 7.7V(Rated)
Optional High Capacity	4000 mAh, 7.7V(Rated)

Video and Photo

Video File Types	3GPP(.3gp), MPEG-4(.mp4) QuickTime(.mov), WEBM(.webm), Windows Media(.asf,wmv), RealMedia(.rmvb, .rm) MPEG-PS(.mpg, .mpeg), MPEG-TS(.ts), AVI(.avi), Matroska(.mkv)
Image File Types	JPEG(.jpg), GIF(.gif), PNG(.png), BMP(.bmp)
Video Recording Quality	Front Camera: 1080P HD up to 30 frames per second(fps) Rear Camera: 1080P HD up to 30 frames per second(fps)

Audio

File Types	MP3(.mp3), WAV(.wav), 3GPP(.3gp), MPEG-4(.mp4,.m4a), ATDS raw AAC(.aac), MPEG-TS(.ts), FLAC(.flac), MIDI(.midi, .xm, .mxm), RTTTL/RTX(.rttl, .rtx), OTA(.ota), iMelody(.imy), Ogg(.ogg), Matroska(.mkv), QCELP(.qcq), RealMedia(.ra), Windows Media(.wma), AC3(.ac3)
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Environment

Dust and Water Proofing	IEC60529- IP68 (2m, 4h), IEC60529- IP66
Shock and Vibration	MIL-STD-810G
ESD	IEC 61000-4-2 (Level 4), ±8kV (Contact), ±15kV (Air)
Operating Temperature	-20°C - +60°C
Storage Temperature	-30°C - +80°C
Humidity	MIL-STD-810G, ≤ +65°C, 95%RH