

REQUEST FOR QUOTATION

Name of Service Provider:

GOODS

SERVICE

Request For Quotation Number:	iLABS/RFQ 2021/22:189
Date Issued:	25 January 2022
Description:	Installation, Integration, Implementation and Testing of the existing of Cisco switches at iThemba LABS, Faure, Western Cape. NB: Full specifications on page five (5)
Closing Date:	08 th February 2022
Closing Time:	11:00 am
Submit RFQ To:	scm3@tlabs.ac.za (quotations must be sent via email only)
Date Goods or Service Required:	As soon as possible
For More Information (Technical):	Mr. Abduraghmaan Phillips Tel: 021 843 1074 Email: a.phillips@ilabs.nrf.ac.za
For More Information (Supply Chain Management):	Mr. Odwa Mxenge Tel: 021 843 1381 Email: scm3@tlabs.ac.za

THE FOLLOWING CONDITIONS WILL APPLY:

- **Preferential Procurement System Applicable: 80/20**
- Price(s) quoted must be valid for at **least sixty (60) days from date of your offer.**
- Price(s) quoted must be firm and must be inclusive of VAT.
- A firm delivery period must be indicated.
- **Submit your VALID B-BBEE Certificate as accredited with SANAS or sworn affidavit if you are claiming for Equity/ B - BBEE points, failing which, the B - BEEE claimed will be forfeited or zero points will be allocated.**
- Provide CSD Summary Report (www.csd.gov.za)
- The attached forms to be completed by the Bidder:
 - SBD 4 – Declaration of Interest with Government
 - SBD 6.1 – Preference Points Claim (South African Companies Only)
 - SBD 6.2 – Declaration Certificate for Local Production and Content for Designated Sectors (where applicable)
 - SBD – 8 – Declaration of Bidder's past SCM Practices
 - SBD – 9 – Certificate of Independent Bid Determination
- This request for formal quotation is subject to the Preferential Procurement Policy Framework Act and The Preferential Procurement Regulations, 2017, The General Conditions of Contract (GCC and, if applicable, any other special Conditions of Contract.
- iThemba Labs reserve the right to accept the whole bid/proposal or part of your submitted bid/proposal or any item or part of any item or accept more than one bid/proposal (in the event of a number of items being offered).

REGISTRATION ON THE CENTRAL SUPPLIER DATABASE (CSD):

The bidder must be on the National Treasury's Central Supplier Database in order to do business with the NRF and for the NRF to award a bid and sign the subsequent contract. Registration on the CSD (www.csd.gov.za) is compulsory and bids from unregistered bidders are not considered.

National Treasury Contact Details: +27 (0) 12 406 9222 or email csd.support@treasury.gov.za

SCHEDULE 1 - SPECIFICATION

Introduction to the NRF

The National Research Foundation ("NRF") is a juristic person established in terms of the National Research Foundation Act, Act 23 of 1998, and a Schedule 3A Public Entity in terms of the Public Finance Management Act. The NRF is the government's national agency responsible for promoting and supporting research and human capital development through funding researchers, provision of the National Research Platforms, and science outreach platforms/programs to the broader community. The NRF provides these services in all fields of science and technology, including natural science, engineering, social science, and humanities.

The NRF is a schedule 3A entity under the PFMA (Act 29 of 1999), which is required to plan and report on its activities and organizational performance, and which is to be audited by the AGSA on an annual basis. As part of the AGSA audit requirements, the NRF has to collect / document and store details, data and/or information of all persons and activities that form part of its performance record as proof thereof. In terms of this requirement, all persons making use of NRF facilities, platforms, equipment, tools etc., for research and related purposes are required to provide their personal details/data/information as per the template below or other similarly appropriate format. By completing your information in the template/register/record below and appending your signature thereto, you confirm your consent, in line with the Protection of Personal Information Act 4 of 2013, whereby the NRF and any of its business units may process (collect, receive, record, organize, collate, share, store, update, modify, retrieve, alter, consult, use, disseminate, distribute, merge, link, erase or destroy) the personal information you provide within and amongst its business units/functions for the purpose of fulfilling its statutory mandate, public accountability and other regulatory/legal requirements.

Introduction to the Business Unit responsible for this RFQ

iThemba LABS (Laboratory for Accelerator-Based Sciences) is a multi-disciplinary research laboratory based at two sites in the Western Cape and Gauteng respectively, these provide facilities for:

- Basic and applied nuclear physics research using particle beams
- Research Radiation Biophysics
- The supply of accelerator-produced radioactive isotopes for nuclear medicine and research

Evaluation Process

- Evaluation of proposals:

All proposals will be evaluated by Supply Chain Management for administrative compliance, functionality, price and B-BBEE. Based on the results of the evaluation process and upon successful negotiations, iThemba LABS will approve the awarding of the contract to successful bidder.

- Preference points system:

The 80/20 preference point system will be used where 80 points will be dedicated to price and 20 points to B-BBEE status. If all bidders received are more than R 1000 000.00, the proposal will be cancelled and re-issued. A Bidder whose price is above R 1000 000.00 will automatically be disqualified from the evaluation process

Supplier Response

Name of Supplier:	
Address of Supplier:	
Contact Person:	
Contact Tel:	
Email Address:	
CSD Supplier Number:	MAAA
Currency:	ZAR
Estimated duration of project:	
Payment Terms:	30 days from the date of receiving invoice

<u>RETURNABLE DOCUMENT CHECKLIST TO QUALITY EVALUATION</u>				
Returnable Documents		Specification		
(M – Mandatory); (O – Optional)	Submitted	Bid Section Reference	Reference to Bidder's document	
<u>Bidder Eligibility Administration</u>				
Three (3) written references with contact details for those whom the bidder has completed similar work for within the last sixty (60) months (preferably last thirty-six (36) months) that meets the minimum threshold	M	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Vendor Partner Status: Silver or Gold Cisco Partner, preferably Gold (please provide certificate)	M	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Project Plan	M	<input type="checkbox"/> Yes <input type="checkbox"/> No		

DETAILED SPECIFICATIONS

iThemba LABS Cape Town is looking for a company to install two (2) Catalyst 9500 48-port 25/100G, C9500-48Y4C-A switches. The contractor must be a verified Cisco partner and provide six (6) months after sales support. The integration should be demonstrated through a reference document, complete with example reports generated. Currently, iThemba LABS Cape Town campus backbone switches are two Cisco WS-6506-E switches connected as a Virtual Switching System (VSS) for redundancy.

Scope

The scope of this project includes Installation, Integration, Implementation and Testing of the Cisco switches. The contractor will be responsible for removing existing equipment, installing new equipment, making all necessary interconnections, and then verifying that the network is fully functional (Configure VLANs, QoS, routing, security policies, and other items). Ensure all support and maintenance software is configured and activated.

Contractor

The contractor must have sufficient network expertise and certifications for installations. Contractor must be a certified Cisco partner. Silver or Gold Cisco Partner, preferably Gold. Contractor must be

able to provide documentation upon request. Contractor must provide six (6) months after service support.

Documents

The contractor will provide detailed instructions for network design, site survey templates, configuration templates, installation procedures, documentation procedures. Once completed, the contractor should provide an updated network design document listing all a summary of all assigned ports, along with media type, vlan, redundancy, etc.

Training

Training should be provided to a designated IT staff member during the installation.

Below lists' the line card part numbers along with port description and capacity currently installed and operational in the 6500 units.

Part Number	Number of ports	Description
WS-X6724-SFP	24	24 port High Performance Mixed Media Gigabit Ethernet interface module, Requires SFP; CEF720
WS-X6748-GE-TX	48	Cisco Catalyst 6500 Series 48-Port 10/100/1000 RJ-45 Cisco Express Forwarding 720 Interface Module; field-upgradable to support distributed forwarding with the addition of the distributed forwarding daughter card (part number WS-F6700-DFC3A=)
WS-X6708-10G-3CXL	8	Cisco Catalyst 6500 8-Port 10 Gigabit Ethernet Module with DFC3CXL, requires X2
VS-S720-10G-3C(=)	2	Cisco Catalyst 6500 Series Virtual Switching Supervisor Engine 720 with two 10 Gigabit Ethernet ports and MSFC3 PFC3C

Requirements for two (2) Core Switches

1. General Requirements

- Removal of old Catalyst 6500 core switches.
- Installation of new Catalyst 9500 core switches.
- Like for like configuration.
- Less than 30 VLAN's

- Identification of copper connections connected to 6500 units and migrating them to the Cisco 3750 switches in the same data centre.
- Configuration of Cisco 3650 Switches to accommodate the migration of the copper cables.

Note: Cisco 9500 core switches do not have RJ45 ports. Thus, all copper should be migrated to the Cisco 3750's. The data centre has one APC Hot Aisle Containment System (HACS) with a 48 port switches in each row. The Cisco 3750 switches will need to be configured for the migration of the copper cables (VLANs, ACL, etc).

A project plan should be submitted, detailing the work scope and duration.

Cable Management:

Data centre has a raised floor. Cabinet setup is a APC Hot Aisle Containment System (HACS). Cabling below and on the roof of the HACS. (cabinet size – APC Netshelter AR3140)

Current Equipment Procured for Installation

Code	Description
C9500-48Y4C-A	Catalyst 9500 48-port 25/100G only Advantage
	C9500-NW-A C9500 Network Stack Advantage
SC9500HUK9-1612	Cisco Catalyst 9500H XE.16.12 UNIVERSAL
C9K-PWR-650WAC-R	650W AC Config 4 Power Supply front to back cooling
C9K-PWR-650WAC-R/2	650W AC Config 4 Power Supply front to back cooling
CAB-IND-10A	10A Power cable for India
C9K-T1-FANTRAY	Catalyst 9500 Type 4 front to back cooling Fan
C9500-DNA-48Y4C-A	C9500-DNA-48Y4C-A C9500 DNA Advantage Term License
C9500-DNA-A-5Y	DNA Advantage 5 Year License
PI-LFAS-T	Prime Infrastructure Lifecycle & Assurance Term - Smart Lic
PI-LFAS-AP-T-5Y	PI Dev Lic for Lifecycle & Assurance Term 5Y
NETWORK-PNP-LIC	Network Plug-n-Play License for zero-touch device deployment
C9K-F1-SSD-240G	Cisco pluggable 240GB SSD storage (2)
SFP-10G-SR	10GBASE-SR SFP Module (36)
C9500-ACCKITH-19I	9500 Accessory Kit
C-ST-LC-8M50M3	8m LC (Male) to ST (Male) Aqua OM3 Duplex FiberOFNR (Riser-Rated) Patch Cable (30)

C-LC-LC-8M5OM3	8m LC (Male) to LC (Male) Straight Aqua OM3Duplex OFNR (Riser-Rated) Patch Cable (6)
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Physical address of delivery:

iThemba LABS
Old Faure Road
Faure
7131

PRICE SCHEDULE

Supplier Specifications include Model if applicable	Quantity	Price Per Unit (Incl. VAT)	Total (Incl. VAT)
Installation and Configuration			
Training			
6 months after service support			
Cable Management			
TOTAL (VAT INCLUSIVE)			

SBD 4 - DECLARATION OF INTEREST WITH GOVERNMENT

Any legal person, including persons employed by the STATE ¹, or persons having a kinship with persons employed by the STATE, including a blood relationship, may make an offer or offers in terms of this invitation to Bid (includes an advertised competitive Bid, a limited Bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting Bid, or part thereof, be awarded to persons employed by the STATE, or to persons connected with or related to them, it is required that the Bidder or his/her authorised representative, declare his/her position in relation to the evaluating/adjudicating authority where:

The Bidder is employed by the STATE; and/or

The legal person on whose behalf the Bidding Document is signed, has a relationship with persons/s person who is/are involved in the evaluation and or adjudication of the Bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and/or adjudication of the Bid.

In order to give effect to the above, the following questionnaire must be completed and submitted with this Bid:

Full Name of Bidder or his/her representative:

Identity Number:

Position occupied in the Company (director, trustee, shareholder, member):

Registration number of company, enterprise, close corporation, partnership agreement:

Tax Reference Number:

VAT Registration Number:

The names of all directors/trustees/shareholders/members, their individual identity numbers, tax reference numbers and, if applicable, employee/PERSAL numbers must be indicated in a separate schedule including the following questions:

Schedule attached with the above details for all directors/members/shareholders

Are you or any person connected with the Bidder presently employed by the STATE? If so, furnish the following particulars in an attached schedule	YES / NO
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Name of person/ director/ trustee/ shareholder/member:

Name of STATE institution at which you or the person connected to the Bidder is employed

Position occupied in the STATE institution:	
Any other particulars:	
If you are presently employed by the STATE, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?	YES / NO
If Yes, did you attach proof of such authority to the Bid document?	
If No, furnish reasons for non-submission of such proof as an attached schedule	
(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the Bid.)	
Did you or your spouse or any of the company's directors/ trustees /shareholders /members or their spouses conduct business with the STATE in the previous twelve months?	YES / NO
If so, furnish particulars as an attached schedule:	
Do you, or any person connected with the Bidder, have any relationship (family, friend, other) with a person employed by the STATE and who may be involved with the evaluation and or adjudication of this Bid?	YES / NO
If so, furnish particulars as an attached schedule.	
Do you or any of the directors/ trustees/ shareholders/ members of the company have any interest in any other related companies whether or not they are bidding for this contract?	YES / NO
If so, furnish particulars as an attached schedule:	

PREFERENCE POINTS CLAIMED (SBD 6.1)	
PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017	
<p>This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution</p> <p>NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS, AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.</p>	
<p>1. GENERAL CONDITIONS</p> <p>1.1. The following preference point systems are applicable to all bids:</p> <p>1.1.1. the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes</p>	

- 2.5. “**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;
- 2.6. “**functionality**” means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- 2.7. “**prices**” includes all applicable taxes less all unconditional discounts;
- 2.8. “**proof of B-BBEE status level of contributor**” means:
- 2.8.1. B-BBEE Status level certificate issued by an authorized body or person;
- 2.8.2. A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
- 2.8.3. Any other requirement prescribed in terms of the B-BBEE Act;
- 2.9. “**QSE**” means a qualifying small business 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;
- 2.10. “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

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:

$$\begin{array}{ccc} 80/20 & & 90/10 \\ P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) & \text{or} & P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \end{array}$$

Where

P_s = Points scored for price of bid under consideration
 P_t = Price of bid under consideration
 P_{\min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 4.1. In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12

	5	4	8
	6	3	6
	7	2	4
	8	1	2
	Non-compliant contributor	0	0

5. BID DECLARATION

5.1. Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1. B-BBEE Status Level of Contributor: . =(maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.)

7. SUB-CONTRACTING

7.1. Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES		NO	
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7.1.1. If yes, indicate:

7.1.1.1. What percentage of the contract will be subcontracted.....%

7.1.1.2. The name of the sub-contractor.....

7.1.1.3. The B-BBEE status level of the sub-contractor.....

7.1.1.4. Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES		NO	
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7.1.1.5. Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at least 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1. Name of company/firm:

8.2. VAT registration number:

8.3. Company registration number :

8.4. TYPE OF COMPANY/ FIRM

☐ Partnership/Joint Venture / Consortium☐ One person business/sole propriety☐ Close corporation☐ Company☐ (Pty) Limited

[TICK APPLICABLE BOX]

8.5. DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

.....

8.6. COMPANY CLASSIFICATION

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

[TICK APPLICABLE BOX]

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

8.8. 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 B-BBEE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

8.8.1. The information furnished is true and correct;

8.8.2. The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

8.8.3. 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;

8.8.4.	If the B-BBEE status level of contributor has 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 –
8.8.4.1.	disqualify the person from the bidding process;
8.8.4.2.	recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
8.8.4.3.	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;
8.8.4.4.	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
8.8.4.5.	forward the matter for criminal prosecution.

SBD 8 - DECLARATION OF BIDDER'S PAST SCM PRACTICES

Is the Bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? If Yes, furnish particulars as an attached schedule:	YES / NO
Is the Bidder or any of its directors listed on the Register for Tender Defaulters in terms of Section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? If Yes, furnish particulars as an attached schedule:	YES / NO
Was the Bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years? If Yes, furnish particulars as an attached schedule:	YES / NO
Was any contract between the Bidder and any NRF terminated during the past five years because of failure to perform on or comply with the contract? If Yes, furnish particulars as an attached schedule:	YES / NO
The Database of Restricted Suppliers and Register for Tender Defaulters resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.	

SBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting this Bid in response to the invitation for the Bid made by the NRF, do hereby make the following statements that I certify to be true and complete in every respect:
I have read and I understand the contents of this Certificate;
I understand that the Bid will be disqualified if this Certificate is found not to be true and complete in every respect;
I am authorised by the Bidder to sign this Certificate, and to submit the Bid, on behalf of the Bidder;
Each person whose signature appears on the Bid has been authorised by the Bidder to determine the terms of, and to sign, the Bid on behalf of the Bidder;

<p>For the purposes of this Certificate and the accompanying Bid, I understand that the word “competitor” shall include any individual or organisation, other than the Bidder, whether or not affiliated with the Bidder, who:</p> <ul style="list-style-type: none"> a) Has been requested to submit a Bid in response to this Bid invitation; b) Could potentially submit a Bid in response to this Bid invitation, based on their qualifications, abilities or experience; and c) Provides the same goods and services as the Bidder and/or is in the same line of business as the Bidder
<p>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 consortium ³ will not be construed as collusive bidding.</p>
<p>In particular, without limiting the generality of paragraphs above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:</p> <ul style="list-style-type: none"> a) Prices; b) Geographical area where product or service will be rendered (market allocation); c) Methods, factors or formulas used to calculate prices; d) The intention or decision to submit or not to submit, a Bid; e) The submission of a Bid which does not meet the specifications and conditions of the Bid; or f) Bidding with the intention not to win the Bid.
<p>In addition, there have been no consultations, communications, agreements, or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this Bid invitation relates.</p>
<p>The terms of this 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 the bid or to the signing of the contract.</p>
<p>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</p>
<p>³ 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</p>

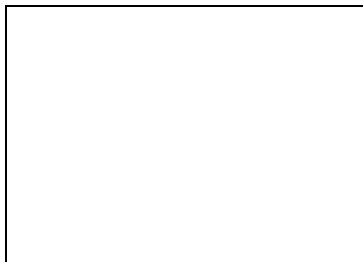
By signing this request for order form the supplier offers to supply the goods or service in respect of **RFQ** and **Description** of goods or services

_____, as described in this document.

Signature

Date

Print name: _____
On Behalf of the Supplier (duly authorized)



COMPANY STAMPNote: It is advised that documents be returned in PDF