



Kingdom of the Netherlands

**Joint Permanent
Representation of the
Kingdom of the Netherlands
to NATO**

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Our reference : BRN/ADO/16-003

Date 05 February 2016

Re Notification of intent to call for bids

Dear all,

On behalf of the delegation of the Netherlands we are forwarding you attached documents regarding the Notification of intent to call for Bids : Electric driven pumps and motors.

Kind Regards

Marc Delen





Defensie Materieel Organisatie
Ministerie van Defensie

> Retouradres Postbus 90822 2509 LV Den Haag

NATO Office of Resources
Boulevard Leopold III
1110 Brussels
Belgium
Attention: Mr. M. Delen

**Directie Wapensystemen &
Bedrijven
Defensie Brand en
Bedrijfsstoffen Bedrijf**
Defensie Pijpleiding
Organisatie
Verwerving

Van Alkemadeaan 786
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MPC58A
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www.defensie.nl/dmo

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Mw. E.M. Lanzing
Bureau Verwerving
M 0 6 10663719

verwerving@dpo.mindef.nl

Date January, 28th 2016
Subject Notification of intent to call for Bids: Electric driven pumps and motors

Ons Kenmerk
2016.000.988

Bijlagen:
NoI
Annex 1

In accordance with International Call for Bid procedures the Defensie Pijpleiding Organisatie (hereafter:DPO) hereby notifies you of its intention to issue a Call for Bid regarding project:

Electric driven pumps and motors for:
Lot 1: Pernis depot, Nato Serial nr: 2PL09448-0
Lot 2: Klaphek depot, Nato Serial nr: 2PL09371-0

The DPO hereby invites you to nominate qualified and certified potential bidders established within your country, interested in this Call for Bid.

Please provide the name, full address, point of contact, telephone and email address, of potential bidders established within your country, according to the specimen declaration of eligibility, see Annex 1.

Nominations will have to be received by March 11th, 2016, 14:00 CEST at the latest and send to the following email address: b.epema@dpo.mindef.nl.

Enclosed with this letter:
Notification of intent to call for bid and Description of the work and Specimen declaration of eligibility, see Annex 1

Will you be so kind to distribute to all the members of the delegations and other authorities (SHAPE) concerned.

Kind Regards,

De Directeur Defensie Pijpleidingen Organisatie,
Voor deze,

R. Kramer



Distribution List For NATO Delegations:

Albania
Belgium
Bulgaria
Canada
Croatia
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Slovakia
Slovenia
Spain
Turkey
United Kingdom
United States
And
SHAPE

**Directie Wapensystemen &
Bedrijven**
Defensie Pijpleiding
Organisatie
Verwerving

Datum
28 januari 2016

	Defensie Pijpleiding Organisatie Notification of intent to call for bids : Electric driven pumps and motors	Date : 28 January 2016
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NOTIFICATION OF INTENT TO CALL FOR BIDS

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DEFENSIE PIJPLEIDING ORGANISATIE (DPO)

Electric driven pumps and motors for DPO, the Netherlands

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ARTICLE 1 – DESCRIPTION of the WORK

1.1 Purpose of the work

The purpose of the work is to replace the current diesel driven pumps for electric driven pumps and the diesel driven motors for electric driven motors in order to meet the new BEMS in two locations in the Dutch pipeline system (Pernis and Klaphek).

Defensie Pijpleiding Organisatie (hereafter: DPO) manages the Dutch part of the NATO Central Europe Pipeline System (CEPS). This organisation manages the operation, financing and maintenance of an integrated, cross-border fuel pipeline and storage system in support of NATO's operational military requirements during peacetime, crisis and conflicts, including expeditionary operations.

From its locations in Pernis (Poortugaal) and Klaphek (both in the Netherlands), DPO has pump stations to receive from and pump kerosene in the following directions: Markelo/Germany, Schiphol, airports in Belgium. The diesel driven pumps do not meet new BEMS standards and have to be replaced by electric driven pumps and electric components. This involves a new building for the pumps at location Klaphek.

The work comprises of two lots:

Location Lot 1: Pernis depot:			
The scope of work is:			
<ul style="list-style-type: none"> a) Removal of 4 diesel driven motors and utility systems for the diesel driven motors b) Installation of 3 electrical driven motors and connect to the existing pumps as replacement for the 4 diesel driven motors. c) Maintenance (SLA approx 10 years including recommended spare parts) d) Related civil and electrical works including connecting to the public energy net. 			
Efficiency e-motor	>95	[%]	As good as possible, but at least 95%
Rotational speed e-motor	1500	rpm	
Required power e-motor	630	[kW]	
Total installed e-power	1890	[kW]	
Maximum speed frequency converter	1350	[rpm]	
Required simultaneous power	2150	[kW]	
<p>The diesel driven motors have the following utility systems:</p> <ul style="list-style-type: none"> • Cooling water system • Lube oil system • Starting air system <p>The cooling water is cooled by E-7201 which gives its heat to kerosene flow to Schiphol and Klaphek via the suction line to the pumps. Heating up the fluid in the suction decreases viscosity and reduces required pumping power. This additional heat is dissipated during transport in the underground pipeline.</p> <p>This means the following scope for removal</p> <ul style="list-style-type: none"> • Removal of 4 diesel driven motors including: <ul style="list-style-type: none"> ○ Removal of cooling water system up to E-7201 ○ Removal of the starting air system, inclusive K-7201/02/03 compressors ○ Removal of exhaust system diesel driven motors ○ E-7201: only oil inlet/outlet will be removed and replaced by a spool piece. 			

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Location Lot 2: Klaphek depot:

The scope of the work is:

- a) The building of a new housing for 2 new electric driven pumps: One in the direction of Markelo (max:160 m3/h) and one in the direction of Eindhoven (100 m3/h). The new building shall have enough room for an additional electric driven pump, so the building should be big enough for 3 pumps and their e-motors. (incl: foundation for a third motor and pump)
- b) Installation of 2 electrical driven motors and pumps .
- c) Maintenance (SLA approx 10 years including recommended spare parts)
- d) Related civil and electrical works including connecting to the public energy net.
- e) OPTIONAL: installation of a third electric driven motor and electric driven pump

Table 1: New pump to direction Markelo /Bramsche (Germany) :

Fluid	Kerosene/Diesel		
Density	775-840	[kg/m3]	@ 15 °C
Viscosity	2-5	[cSt]	@ 15 °C
Operating temperature range	-10-50	[°C]	
Maximum vapour pressure	0,01	[bara]	@ 25 °C
Available suction pressure	3-80	[barg]	
Maximum Shut-off pressure	82	[barg]	
Working pressure	80	[barg]	
Differential head	1030	[mliq]	@ 775 Kg/m3
Working Flow	Max:160	[m3/h]	To Markelo
Mechanical efficiency pump	75	[%]	Target >75% @ 80 bar and 125 m3/h
Efficiency e-motor	> 95	[%]	EX d/e as high as possible

Table 2: New pump to direction Eindhoven- Glons (Belgium)

Fluid	Kerosene/Diesel		
Density	775-840	[kg/m3]	@ 15 °C
Viscosity	2-5	[cSt]	@ 15 °C
Operating temperature range	-10-50	[°C]	
Maximum vapour pressure	0,01	[bara]	@ 25 °C
Available suction pressure	3-80	[barg]	
Maximum Shut-off pressure	82	[barg]	
Working pressure	80	[barg]	
Working Flow	100	[m3/h]	To Eindhoven/Glons
Differential head	1030	[mliq]	@ 775 Kg/m3
Mechanical efficiency pump	75	[%]	Target >75% @ 80 bar and 100 m3/h
Efficiency e-motor	>95	[%]	EX d/e as high as possible

** identical pump sets for specs table 1 and 2

Please note the following:

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The work in a lot must comprise the complete work of that lot and will not be accepted partially.

Suppliers may bid for one lot or both lots.

The total budget available for this project lot 1 (5PED) is ca € 1.780 K and for lot 2 (5KLD) is ca € 2.530 K

The preferred date for the final acceptance of all the pumps and building is before the 1st of January 2017, or when not feasible, as soon as possible after this date.

All tender documents are in Dutch.

During the execution of the contract, the spoken and written language will be Dutch.

1.2 Relevant Nato documents

NATO documents relevant for this procedure:

- Lot 1: AC/4(PP)D(2015)27534, AC/4(PP)DS(2015)0028
- Lot 2: AC/4(PP)N(2015)0116
- CEPS documents: NSPO/CEPS(PB)DS(2015)0003, NSPO/CEPS(PB)D(2015) 0034-REV1
- ICB procedure: AC/4-D/2261 (1996 Edition)
- "NATO Approved Technical Standards and Criteria for POL installations", docnr. AC/4-M(96)001, dd 10 July 1996.

ARTICLE 2 – INTENT TO BID, COMMUNICATION and TIMETABLE

2.1 Intention to bid

Suppliers who wish to bid for this contract must make their intent to bid known before 11 March 2016, 14:00 CEST.

2.2 Communications

All communications must be addressed to;
 Name: Bonnie Epema
 Mail address: b.epema@dpo.mindef.nl

2.3 Time table

Important dates

	Date	Responsible
Date for sending notification of intent to call for bid	28 January 2016	DPO
Final date for making known the intent to bid	11 March 2016, 14:00 CEST	Supplier
Reduction of number of competing firms Note: in case more than 5 (five) eligible firms make known their intent	11 March 2016 - 24 March 2016	DPO

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to bid, the number of potential bidders will be reduced by the method as set out in article 4 of this Notification		
Final date to send 'cahier des charges'	28 March 2016	DPO
Final date for bidder to hand in questions	11 April 2016	
Bidders conference	13 - 15 April 2016	DPO and Suppliers
Final date for answering questions	18 April 2016	DPO
Final date for handing in bids	16 May 2016	Suppliers
Evaluation of bids	16 May - 30 May 2016	DPO
OPTIONAL: Presentations and demonstration		Suppliers
Award	1 June 2016	DPO
Standstill	2 June - 23 June 2016	
Contracting	27 June 2016	DPO and Supplier

DPO reserves the right to alter dates and will make changes to the dates known to the eligible suppliers.

ARTICLE 3 – INFORMATION CONCERNING THE BID

Please note that during execution of the construction work (lot 2) and connection to the scada plc system (lot 1 and 2) specific requirements for security must be observed. The exact requirements according to the 'General security requirements for suppliers of the Ministry of Defence 2006' (ABDO 2006) will be set out in the Call for Bid.

Please note that the construction and connection to the scada plc system will be carried out by DPO preferred suppliers. DPO will set out the names of the three suppliers in the Call for Bid.

ARTICLE 4 – INFORMATION CONCERNING THE BIDDING PROCEDURE

4.1 Procedure

DPO will execute this procurement procedure by following the one step procedure. Evaluation of bids will be based on the evaluation method of 'best value'.

4.2 Documents to be handed in by Supplier

Supplier must hand in with their intention to bid *for both lots*:

1. A declaration of eligibility as set out in Annex 1
2. Suppliers who wish to bid as a combination or as main contractor with subcontractor(s) must do so as set out in the table below (second column). Please note that the participants in the combination or the main contractor and subcontractors are required to execute the activities as set out in the third column of the table below.
- 3.

Combination	The combination appoints a secretary who will head the combination. The combination members must each declare they shall be jointly and severally liable for all obligations under the contract (after award of the contract)	The secretary is responsible for : <ul style="list-style-type: none"> • Supplying and installation of the electrical driven pumps and/or
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		<p>electrical driven motors and removal of the diesel driven pumps.</p> <p>Members of the combination are responsible for (lot 2):</p> <ul style="list-style-type: none"> • Building the new housing for the pumps and motors at location Klaphek
Main contractor/ subcontractor	The main contractor shall be liable for all obligations under the contract (after award of the contract). The main contractor is also liable for the actions of its subcontractors.	<p>The main contractor is responsible for :</p> <ul style="list-style-type: none"> • Supplying and installation of the electric driven pumps and / or electric driven motors and removal of the diesel driven pumps and/or motors. <p>Subcontractors are responsible for (lot 2):</p> <ul style="list-style-type: none"> • Building the new housing of the pumps at location Klaphek

4. References:

The references must comprise the full scope of the work per lot as described in paragraph 1.1. Suppliers who want to be invited for a call for bid must provide references to substantiate their experience with and knowledge of:

- 1) Supply, installation and maintenance of electrical driven motors (lot 1) and/or electrical driven pumps including motors (lot 2) as described in paragraph 1.1 of this Nol.
Specifically, the specifications of the electrical driven motors (lot 1) and/or electrical driven pumps including motors (lot 2) of the reference must be similar to the specifications as set out in paragraph 1.1 of this Nol.
- 2) Design and Construct (lot 2).

All references must be executed within the last 3 years (28 January 2013 – 28 January 2016) Supplier is required to describe for all references what role supplier had during the reference (e.g. contractor, subcontractor or main contractor) what activities supplier executed and which activities were executed by third parties or client.

DPO is entitled to ask the client for more information on the work and / or pay a visit to the client.

5. Supplier offers maintenance and support on the electric pumps and motors within a specific response times which may not exceed a maximum of 4 hours travel from Pernis (lot 1) and 4 hours from Klaphek (lot 2).
6. Supplier has sufficient personnel to execute maintenance and support.

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7. Supplier's personnel has relevant education in and work experience in mechanical, electrical and for lot 2 including construction works.

Reduction of number of bidders:

Should the number of eligible bidders be more than five (5) per lot, DPO will reduce the number of bidders to 5 for each lot by means of inviting those bidders who comply with the criteria as set out in 4.2 'documents to be handed in by supplier'.

If less than five bidders fully comply with the criteria, then DPO will invite those bidders who comply as close to the criteria as possible until the number 5 is reached.

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Annex 1:

SPECIMEN DECLARATION OF ELIGIBILITY

To : Host nation declaration to NATO

SUBJECT: : EXPRESSIONS OF INTEREST IN ICB
'Electrical driven pumps and motors'

1. With reference to the above quoted ICB exercise, the following (nationality of origin) firms have expressed an interest in receiving the bidding documents:

A	Co. Ltd, Address, Contact: Mr./Mrs. A.N. Other Tel. no.: Email:
B	Co. Ltd., Etc.
C	Co. Ltd., Etc.

2. I certify that these firms have the necessary financial, technical and professional competence to be admitted by the Government of (country of origin) as bidders were responsible for awarding a contract of this nature. All the firms listed above are security cleared to the level required for this project.

(signed)

(country of origin)