



## UNDP Invitation for Prequalification

### Supply and installation of Power Transformers and associated Switchgear and Protection & Control Equipment for existing Transformer Substation in the Gaza Strip

Reference:	PQ-2009-002
Closing date for submission of pre-qualification documents:	21 October 2009
Closing date for submission of clarifications:	2 October 2009
Clarifications posting date:	7 October 2009

#### (A) Summary of project

UNDP PAPP is seeking qualified companies to undertake supply, integration, manufacture, installation, training and commissioning of power transformers and associated switchgear and protection / control equipment into existing Transformers Substation within the Gaza Strip.

The aim of this project is to conduct all necessary upgrading works for the existing Gaza Power Plant & Gaza West Substation to increase the capacity of the installed transformers of the substation enabling the transmission of an extra 40 MW of electric power available at the Power Plant.

The Substation has existing equipment manufactured by both ABB (Sweden) and Maschinenfabrik Reinhausen (Germany) therefore some equipment provided must be compatible with this existing equipment.

The works include the following activities:

- a) Supply of Power Transformers and all requested and suggested spare parts:
  - o Two Step Up Power Transformers (11/66 kV)(20/25 MVA - ONAN/ONAF) complete with Automatic OLTC (ABB-Type)
  - o Two Step Down Power Transformers (66/22 kV) (20/25 MVA - ONAN/ONAF) complete with Automatic OLTC (MR-Type)
  - o Requested and suggested parts.
- b) Supply of Electrical materials and Equipments that will include the following:
  - o 220 kV Control and protection panel for the power transformers
  - o Accessories for parallel operation of power transformers
  - o Additional transformer bay and related 66&220 kV Switchgear and Equipment for Air Insulated System (AIS).
  - o Earthling system



- c) Design, Erections, Connections and Commissioning works for the supplied items
- d) Civil works that might be needed for the implementation of the project.

Training on the use of the equipment will also need to be provided to the on-site technicians and extended warranty and maintenance options will need to be supplied by the prime contractor.

The prime contractor may subcontract elements of the required works, as agreed with UNDP; however the responsibility for the provisions of the contract will remain with the prime contractor. The subcontracted elements, as a total, should not exceed 40% of the total value of the offer.

Due to the current political situation in Gaza Strip and the difficulty in entering the area, interested international suppliers are encouraged to enter into Joint Venture (JV) Agreements with well established local firms officially registered in the Gaza Strip with relevant experience necessary to accomplish expected required outputs.

If a JV is submitted for pre-qualification, all information requested below should be submitted by all JV parties. It is required that each party involved in the JV submits all required documentation and must pass all the criteria in order to for the JV to be considered pre-qualified.

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## **(B) Eligibility and Qualification criteria**

The supplier must be able to demonstrate that they have significant experience in the supply, integration, manufacture, installation, testing, commissioning, training and maintenance of power transformers and associated switchgear and protection & control panels and equipment into complex environments. Below are a list of the minimum required criteria that must be attained in order to be considered to be pre-qualified and provided with the tender documents for quotation purposes.

Minimum required criteria:

- a) Company registered as legal entity
- b) Company profile demonstrates that core range of products and experience fits with the requirements described
- c) Organigram demonstrates that the company is set up to deal with the described requirements and the key personnel are in place. CV's of key personnel should be submitted including the following:
  - (i) Project Manager
    - Role: Overview and management of whole project
    - Qualifications: Relevant 1<sup>st</sup> degree, preferably with post graduate technical and project management qualifications
    - Experience: Minimum 15 years of experience of project manager of similar projects. Must have extensive experience of working within complex environments.
  - (ii) Site Supervisor
    - Role: Supervision of installation and commissioning of equipment



Qualifications: Relevant 1<sup>st</sup> degree or equivalent technical qualifications

Experience: Minimum 10 years experience of supervising installation of equipment of a similar nature. Must have experience of working within complex environments.

(iii) Senior Technicians

Role: Installation and commissioning of equipment

Qualifications: Relevant technical qualifications

Experience: Minimum 10 years experience of installing relevant equipment.

All other key personnel must demonstrate that they have qualifications and experience relevant to their position. Through the submitted CV's the supplier should demonstrate their experience and capacity to deliver projects into complex and difficult environments.

- d) A minimum of 50% of personnel involved in the project should be full time employees.
- e) Audited financial reports should demonstrate a healthy balance sheet, liquidity ratio and level of profit. Quick ratio should read greater than one (1) for each of the last three years. Quick ratio for each year will be calculated by applying the following formula:  
$$\frac{\text{Cash} + \text{accounts receivable}}{\text{Current liabilities}}$$
- f) At least 5 multi million contracts successfully completed within the last 3 years of a similar nature as described, into complex country environments
- g) ISO9001:2001/2008 or equivalent certification is valid for all entities involved in manufacture, supply or installation of equipment (ie: prime contractor, JV, third party equipment suppliers etc)
- h) Quality system within manufacturing facility should demonstrate a high level of quality monitoring and performance improvement on annual basis
- i) Authorised to supply, integrate, install and provide maintenance for ABB and Maschinenfabrik Reinhausen equipment
- j) Processes demonstrate a clear flow from placement of order to the commissioning of equipment, with in-built quality mechanisms at each stage
- k) Standard and extended warranty options are of acceptable level and can be provided into complex environments

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**(C) Documents required to be submitted**

In order to respond to this advertisement the following documents are required to be submitted:

1. Company registration certificate to show company is a legal entity in which country
2. Power of Attorney showing the party(ies) who have been legally appointed to act as representatives of the supplier
3. Company profile, including detailed range of products, location of offices, factory facilities and contact details of all key personnel



4. Litigation history for the past 3 years, to demonstrate that no significant litigation is ongoing that may effective the capacity of the supplier
5. Organigram detailing key personnel that would be involved in any contract
6. CV's of key personnel highlighted in the organigram, including the personnel specified in Section (B).
7. Audited financial reports for the most recent 3 years
8. List of multi-million US dollar contracts successfully completed as the prime contractor within the past 3 years, including contact details of clients
9. Current Quality certification ISO9001:2001/2008 or equivalent
10. Contact details of suppliers bank who may be contacted by UNDP/PAPP to provide references.
11. Overview of quality system currently in place within transformer manufacturing facility, including defects detection, rectification, associated statistics and performance improvement ethos
12. Documentation showing that the company is authorised to supply, integrate, install and provide maintenance for ABB and Maschinenfabrik Reinhausen equipment
13. Description of process covering the following elements, including standard estimated lead times at each stage:
  - Placement of order
  - Procurement of equipment from 3<sup>rd</sup> parties
  - Manufacture of equipment
  - Internal testing
  - Factory Inspection testing (with customer)
  - Shipping
  - Installation and commissioning
  - Undertaking of associated civil works required on-site (before equipment installation)
  - Training
  - Warranty and ongoing Maintenance
14. Description of standard and extended warranty options
15. Details of Joint Venture (if applicable)  
Please ensure that if a JV is submitted that all documents requested above should be submitted by both parties.

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Documentation listed above should be sent to:

Khaled Shahwan  
UNDP/PAPP  
4A Ya'qubi Street  
Jerusalem

Documents should be clearly marked "Pre-qualification – Transformers – Gaza West Substation"

The requested documents must be received in a sealed envelope no later than **11am (Jerusalem time) on 21 October 2009.**



Any submission received after this time will not be accepted.

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Based on the evaluation of documentation received, suppliers will be short listed to participate in the subsequent bidding process. Short listed firms only will be provided with the detailed tender documents. Submitting a reply to advertisement does not therefore automatically guarantee that the supplier will receive of the tender documents when issued.

Suppliers will be selected in accordance with the procedure set out in the UNDP Procurement Guidelines and UNDP Financial Rules and Regulations, for inclusion into a shortlist for a forthcoming tender.

Submissions from suppliers failing to provide the request information will be disregarded. Invitations to bid and any subsequent purchase order will be issued in accordance with the rule and procedures of UNDP.

This advertisement does not entail any commitment on the part of UNDP, either financial or otherwise. UNDP reserve the right to accept or reject any or all submissions without incurring any obligation to inform the affected applicant/s of the grounds.

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Any requests for clarification or additional information should be sent to the following address by 2 October 2009:

Shehadeh Habash  
E-mail: [shehadeh.habash@undp.org](mailto:shehadeh.habash@undp.org)

All requested clarifications or additional information will then be posted publically on-line by 7 October 2009.

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Khaled Shahwan  
Deputy Special Representative (Operations)

