



IRAQ

Date:11 December 2018

ADDENDUM No. 2

SUBJECT: ITB 758 /18 Rehabilitation of Shekhan 33-11kV 2x16MVA SS- Ninawa Plains, Ninawa Governorate - Iraq

To: All potential bidders,

The purpose of this addendum is to add the below technical clarifications along with related answers

In general, all the works have to comply with Iraqi Technical specification for construction of the 33/11kV AIS substations

Civil Work:

- **Roofing system: the detail provided in BoQ and respective drawing is not matching. Which one should take into our consideration?**

Answer:

Roof Waterproofing Works:

Supply materials and manpower for roofing work by cleaning the concrete roof. The waterproof layers should be built as below:

- 1- Paint of two opposite layers of bitumen sealant.**
- 2- Apply of two opposite layers of izogam 4 mm thickness for both directions.**
- 3- Thermal insulation materials by laying of compressed Styrofoam 5cm (density 40 kg/m3).**
- 4- Paint of two opposite layers of bitumen sealant.**
- 5- Fine Gravel with cement above the polypan layer as minimum 5 cm thickness layer with slope (1:10) to storm water drainge.**
- 6- Apply Iraqi mosaic tiles (40x40) grade #4 with filling the tiles joints with white cement and do joints 2 cm width for filling it with sealant mastic with Square area not more than (4x4)m . All bitumen layers paint and isogam applying should extended to the roof parapet and all the sided walls for the roof. All the work in accordance with technical specifications as per part 4- civil specifications, clause 2.7 and drawing DW.4**

- **New Boundary Wall: Backfilling scope is not indicated in the details provided in BoQ. How could we price this scope? Please advise.**

Answer:

All backfilling work included item#67 (Backfilling works for internal and external yard).

- No item exists in BoQ for the scope which is going to be required with respect to the excavation and blinding needed for the outside cable trenches. Please advise.

Answer:

all excavation work quantity is included at item#4, blinding concrete not required by MOE.

- No detail is provided neither in BoQ nor drawings with respect to Generator room

Answer:

Generator room is not required since the scope not covers Generator.

- Steel angle dimensions to be used in indoor cable trenches: the detail provided in BoQ is not matching that of drawings. Which one should take into our consideration?

Answer:

Refer to drawing DRW #11, description 70x70x7 mm.

- Boundary wall dimensions are not provided and therefore more detail is requirable.

Answer:

Fence length 180 ml, height 2.75 m, all quantity is measured accordingly.

- No detail is provided in BoQ for Fire Wall.

Answer:

The existing transformers are without firewall, accordingly not requested.

- No item or detail is designated in both BoQ and Drawings for the concrete work required for the temporary switchgear cabinet for which therefore we wonder how this scope can be evaluated and priced?

Answer:

The Price for all the works and requirement for the temporary SWG cabinet have to be covered in the related item (MV & Power, Item 25), while the specification for the concrete works have to be same as specified in the (Civil works, item 22).

All other terms and conditions in the ITB remained unchanged.

Thank you in advance for your interest in UNDP procurement opportunities.

Procurement Team

Service Center, UNDP

QUESTIONS AND ANSWERS

No.	BIDDER QUESTIONS ASKED	UNDP RESPONSES GIVEN
1		
#	<i>What about old equipment?</i>	<i>As it is mentioned in the scope of the work it should be dismantling and transfer to the MOE storage.</i>
#	<i>Is it possible to take advantage of the damaged parts or equipment of the transformer as spare parts for the new transformer?</i>	<i>The scope is supply of complete new transformer and replacing with the damaged existing transformer, accordingly to avoid any kind of non compatibility using any part of the existing transformer is not accepted</i>
#	<i>Is it possible to use non-damaged equipment such as pipes, Cable Trays, and cables?</i>	<i>The defected transformer has to be dismantled keeping control, 380 and 220VAC, 110VDC, signaling cables and high voltage conductors and MV cables in good condition for reusing after installation of the temporary transformer. In case of offering alternative solutions the contractor is responsible for any necessary adaptation or modification have to be applied for functioning the new transformer completely</i>
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#		

Attendance sheet for the bidders who visited the sites: Attached

Photos during the site visit for the current situation: Attached

The authorized focal person responsible for preparing attendance sheets before the site visit and photography

Certification of Minutes as a true record of the proceedings of the meeting/site visit:

Prepared by:

Aree Omar Qadir

Signature: 

Position: Consultant Electrical Engineer

Date: 6th December, 2018

Record of Pre-Bid Meeting/site visit to be posted on the websites.