



ITB-2014-345- Addendum No. 1 – dated 23 December 2014

**Pre-bid meeting minutes /Addendum No.1**

**ITB-2014-345:** **Construction and Erection of Metal Reservoirs at various locations in the Jordan Valley (JV)**

**Issue Date:** **15 December 2014**

**Original Bid Closing Date & time :** **30 December 2014 at 2:00 p.m. (Jerusalem time)**

**Extended Bid Closing Date & time :** **8 January 2015 at 2:00 p.m. (Jerusalem time)**

Dear Bidders,

This correspondence pertaining to the above-mentioned project should be considered as an integral part of the tender documents. Below please find the UNDP/PAPP clarifications and an official reply to all inquiries raised by participant bidders following the pre-bid meeting/site visit which was held on 18 December 2014 at the project site(s).

The following clarifications are considered as Addendum No. 1 to the Invitation to Bid, which shall be considered as an integral part of the tender documents:

**A. Bid Closing Date & time**

1. The bid submission deadline has been extended as follows: Bids must be delivered to the following address **on or before 2:00 p.m. (Jerusalem time) on 8 January 2015:**

United Nations Development Programme (UNDP / PAPP)  
3 Ya'qubi Street  
Jerusalem  
Tel: 02-6268200

2. Bids will be opened in the presence of bidder's authorized representatives, who choose to attend, at **half an hour past bid closing time on 8 January 2015**, at the address mentioned above.

**B. In the Bill of Quantities (BoQ) - Item 16 in Page 9 of 9 , is hereby amended to read as follows:**

Supply and Install a single stage centrifugal pump coupled directly with induction motor suitable for outdoor installation according the enclosed technical specifications and drawings. The pump best efficiency at a discharge of 90 cm/hr and **a head of 60 meters**.

**C. Time for Completion** is hereby increased to become **75 calendar days** from the date of notice to proceed /commence which will be issued by the UNDP responsible staff after contract signature



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**D. Questions & Answers (Q&A):**

**Q1:** In the specifications documents you mentioned page 3, Bolt lengths shall be sized to achieve a neat and uniform appearance. Excessive threads extending beyond the nut after torquing will not be permitted. At the drawings, I see that a specific bolting pattern is described. Every steel tank manufacturer has a way to bolt the panels depending on their design. There is not an absolute one way to fix a tank and determine the spacing and pattern. Shall we proceed based on manufacturer standard?

**A1:** It is essential that the contractor abide by/with the following instructions:

1. In connecting two sheets next to each other, they should use two columns of bolts not one. The vertical spacing should be equal to the size of wave (76 mm). We do not want the manufacturer to use sheets with different wave sizes because that size what is available in the local markets.
2. For connecting over each other, one row of bolts is accepted if the maximum spacing should not exceed 15 to 20 cm.
3. Manufacturers need to use bolts with nuts, as these are easy for the farmer to replace on his own in the future.
4. 10% tolerance allow to the spacing shown in the drawing, but the pattern is the least accepted (one row horizontally and two vertically)

**Q2:** Bidding documents have been released on December 15<sup>th</sup> with a site visit planned only 3 days later. This was far too short for us to organize a trip and we could not made it. Also, the time to prepare and send the bid is only 2 weeks (from Dec 15th to Dec 30th) which is extremely short to prepare a proper offer, far too short to submit a competitive one.

**A2:**

1. The deadline is hereby extended by an additional nine (9) days to give bidders sufficient time to prepare their competitive offers.
2. Contractors who still wish to visit the project site(s) before the bid submission date are invited to do so, but provided prior coordination is made via calling Mobile No: +972 (0) 548173911 (between 09:00 a.m. until 15:00 p.m.) or via email [proc9.papp@undp.org](mailto:proc9.papp@undp.org).

**Q3:** The technical specifications for the tanks are very restrictive in some ways, with a specific technic of assembling the steel plates (used only by a handful of manufacturers around the world), size of bolts, number and positions of holes.



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**A3:**

1. All tanks built in this project should utilize products and materials available in the local market of the West Bank especially the galvanized waved metal sheets.
2. it is important to note , these constructions are for the benefit of local farmers (unskilled farmers), and they need to be able to do the maintenance by themselves after the 3 years guarantee, so the design here is set in a way to be easy for the farmers to replace one or more of the sheets if needed. The availability of the spare parts in the local market is an important matter.

**Q4:** no specific requirements are set for the quality of galvanized steel of the plates, which may be the single most important point for the life expectancy of the tanks). We can offer top quality steel tanks at competitive prices, but the techniques of construction will be different. The overall capacity of the tanks will be respected and the required useful life well exceeded but the dimensions of the components like the plates and bolts will be different.

**A4:**

1. Galvanized metal sheets: metal sheets should be corrugated (waved) SINUS type, the waves should have a height of 16 to 20 mm wave size (width) should be 70 to 90 mm.
2. The galvanized coating should be hot-dipped with zinc metal of at least 80 gm/m<sup>2</sup> on each side and suitable for immersion in drinking water.
3. The galvanized application process should comply with ASTM A123 and ASTM A153 or equal.
4. Dimensions of metal sheets: The quantities are based on metal sheets of size 1x3 m.
5. A variability in size of up to 20% is accepted provided that the quantities in the BoQ will be based on units of 3m<sup>2</sup> equivalent. i.e , a sheet of 0.9mx2.7m shall be equivalent 0.81 sheet of the size 1mx3m.
6. Bolts and spacing: The minimum diameter of bolts used shall be 10 mm; length of bolts could vary up to 20% of what indicated in the drawings.
7. The horizontal spacing between bolts indicated in the drawings is the maximum accepted with maximum allowable variation of 10%. The vertical spacing between bolts should be equal to the size of wave (width) of the galvanized metal sheets utilized.
8. Tank size and dimensions: The tank dimensions (diameter and height) could be modified by no more than (10% in diameter, 25% in height) of those shown in the drawings provided an engineering design is provided in the offer for the modified dimensions, considering the space availability which are limited in some in the two 250 CM reservoirs,.
9. The design shall consider in addition to water loading a horizontal load from a wind speed of at least 60 km/hr and shall be performed in accordance with AWWA D103 or equivalent. Contractors to price their offers based on the actual quantities needed.

## United Nations Development Programme

Programme of Assistance to the Palestinian People

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### **E. Additional notes from the pre-bid meeting.**

1. For the main components, the successful bidder should be able to provide letter of guarantee for the availability of spare parts and after sale service for minimum ten (10) years following installation, commissioning and acceptance of equipment/goods by UNDP Engineer.
2. The tentative work plan shall show the delivery schedule for the components to be imported from outside the country (if applicable) and at the same time show bidder ability to finish the works within **75 calendar days** from actual start date.
3. Maintenance and manufacturer guarantees/ warrantee: A part from and in addition to the required one-year unconditional maintenance bank guarantee, the bidder has also to include in his technical proposal details on the manufacturer offered guarantees/ warrantee on the main components of booster pumps and control panel.
4. The awarded contractor shall coordinate and liaise with the UNDP responsible staff, UNDP Engineering consultant present at the site, and the Ministry of Agriculture representatives at all stages of the work.

**Interested bidders shall acknowledge receipt of this addendum/pre-bid minutes by returning/including it, signed and stamped, with their bids.**

For your kind attention and reference,

**Khaled Shahwan**

Deputy Special Representative

(Operations) – UNDP/PAPP



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