Addendum No. (1) to the Biding Documents-Clarifications and Amendments

1. Preamble

This Addendum shall be considered, read and construed as a part of the Bidding Documents, and shall amend, delete or substitute all respective clauses or items in the original Bidding Documents, knowing that the contents of this Addendum shall supersede those provided in the original Bidding Documents and previous amendments, wherever this Addendum contradict with the other parts or other amendments of the Bidding Documents this addendum shall supersede.

2. Queries & Clarifications

Q2.1 Is the Project exempted from custom duties and taxes?
A2.1 No, the project is not exempted from custom duties or taxes as mentioned in sub-clause 4.16 of the particular conditions, and the prices filled in the BOQ should include taxes and customs, this is for all materials, equipment, spare parts, etc.

Q2.2 Do we have to submit drawings back. According to the contract documents, we must submit the drawings and specs (in stamped form) along with our technical and financial proposal. Is this a separate package or required to be 1 original and 2 copies just like the technical and financial proposals. Please clarify?
A2.2 All contractors should stamp all documents including the drawings and return them back with their bid. One Original + 2 Copies must be submitted of contractor’s bids (Technical + Financial) with priced BOQ filled in the original BOQ with ink pen in figures and words, including all documents for the post-qualification process, but, drawings, addendum, and technical specification can be submitted in only one Original stamped.

Q2.3 Kindly check and correct the missed specifications in the Architectural
120,5520,7000,8111,9260,9310,9410,9513,9900:
A2.3 1. Missing Specifications:
   - Section 09013 - Metal tiles false ceiling.
   - Section 09410 - Portland cement terrazzo tile.
   - Section 09310 - Ceramic tiles.
   - Section 09260 - Gypsum board false ceiling.
   - Section 08111 - Standard steel frames.
   - Section 07000 - Rigid Insulation.
   - Section 05520 - Handrails & Railings.
   - Section 05120 - Stair Structures.

Responsive
- Refer to Section 09590 - False ceilings, clause 2.01 & 2.02.
- Refer to Section 09300 - Tile work, clause 2.04.
- Refer to Section 09300 - Tile work, clause 2.05.
- Refer to Section 09590 - False Ceilings, Clause 2.05.
- Refer to Section 08110 - Steel Doors & Frames.
- Refer to Section 07200 - Insulation.
- Refer to Section 09590 - Metal Fabrications, Clause 2.01.
- Refer to Section 09590 - Structural Steel Roof.

Addendum No. 01 The Construction & Equipment Invitational of the Technological P. O. O. P. H. 2013/0318/2013 12/6
Q2.4 Please advise the capacity of the following:
   a) Medical air plant & medical vacuum plant?
   b) Medical Vacuum Plant?

A 2.4 a) For the capacity of medical air plant please refer to the following schedules: Medical Vacuum receiver schedule, Medical vacuum pump schedule, and Compressed air equipment schedule listed in Drawing: 1116-01-06 M701.
b) Standard Cylinder capacity for each cylinder type as illustrated in the table below from HTM: 2023 and referred to A1 mechanical specifications.

<table>
<thead>
<tr>
<th>Gas</th>
<th>Nominal Capacity (litres)</th>
<th>** Usable capacity (litres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxygen J size</td>
<td>6,800</td>
<td>6,540</td>
</tr>
<tr>
<td>Nitrous oxide J Size</td>
<td>18,000</td>
<td>8,800</td>
</tr>
<tr>
<td>G Size</td>
<td>9,000</td>
<td>9,000</td>
</tr>
<tr>
<td>Nitrous oxide/oxygen</td>
<td>5,000</td>
<td>4,740</td>
</tr>
<tr>
<td>Mixtures G size</td>
<td>6,400</td>
<td>6,220</td>
</tr>
<tr>
<td>Medical air J size</td>
<td>6,400</td>
<td>5,550</td>
</tr>
<tr>
<td>Oxygen/carbon dioxide</td>
<td>6,800</td>
<td>6,540</td>
</tr>
<tr>
<td>Nitric oxide AU size</td>
<td>1,500 *</td>
<td>-</td>
</tr>
<tr>
<td>Nitric oxide AK size</td>
<td>4,000 *</td>
<td>-</td>
</tr>
</tbody>
</table>

* This may be subject to change
** The usable figures are for discharges down to a gauge pressure of 7 bar g. Two sets of figures are provided for air - for 400 kPa systems and 700 kPa systems - the later is for discharge down to 15 bar g.

Q2.5 After reviewing the BOQ and Spec's, there is no capacity for some pumps the only mentioned pumps are (BOQ waste water treatment plant page 10/36 (lifting pumps)) and page 10/41 (filter pumps) + (Irrigation pumps). Please confirm the capacity for the other pumps?

A 2.5 There is no mention for pump capacities or any equipment capacities in the BOQ and the contractor shall read the tender documents as a whole unit to the BOQ is related to specifications and drawings. For pump capacities and any other equipment, the contractor shall refer to mechanical schedule drawing which is in sheet no.: 1116-01-06 M701

Q 2.6 How is the project financed?

A 2.6 The Project is financed 80% by Saudi Fund for Development and 20% by the Yemeni Government.

Q2.7 In the specifications for fire rated walls and as mentioned below:
   A. Requirements for fire-rated or lateral support conditions are to be registered in compliance with local building codes & are not necessarily fully defined on the Drawings.
   B. Whenever a fire rating is shown for a wall use masonry units in that wall complying with the requirements established by the local governing authorities.
   We are referred to the compliance with local building codes or established by the local governing authorities. But there is no such authority in Yemen please advice.

A2.7 a&b In the absence of a governing authority, all fire rating shall adhere to the international codes and standards of the National Fire Protection Association (NFPA).
Q2.8 - Roof parapet 15cm thick and in BOQ S C is 150 cm, please clarify.
A2.8 - Roof parapet should be 150mm. BOQ to be amended accordingly.

Q2.9 Metall Tiles false ceiling the unit is in m2 and some places m3 please confirm.
A2.9 - All metal tiles false ceiling to be measured in m2. BOQ to be amended

Q2.10 Resident Floor Tiling : In the B.O.Q the dimensions are 600 x 600 x 3mm and the Specifications call for rolls. Please Confirm.
A2.10 - The specified resilient flooring in the drawings and specs is rolls. BOQ will be amended accordingly.

Q2.11 In cavity block walls as below:

<table>
<thead>
<tr>
<th>Description</th>
<th>M2</th>
<th>(150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cavity block wall comprising, 150 mm hollow block, 50mm thick thermal insulation, 100mm thick hollow block.</td>
<td>M2</td>
<td>150</td>
</tr>
<tr>
<td>Cavity block wall comprising, 150 mm solid block, 50mm thick thermal insulation (measured elsewhere), 100mm thick hollow block.</td>
<td>M2</td>
<td>95</td>
</tr>
</tbody>
</table>

In Bills it is mentioned that the thermal insulation will be measured elsewhere and in other Bills this is not mentioned. Please confirm.

A2.11 - For those items in the BOQ that cover cavity walls with thermal insulation, the thermal insulation within cavity walls is measured independently in Division 7 and therefore the related cavity wall items to be priced accordingly (i.e. without insulation).

Q2.12 Could you please provide us with a copy of the soil investigation report?
A2.12 - A hard copy of the Soil investigation report (Geotechnical Report) is submitted to all contractors who bought the documents as per the list in the issue sheet (volume2 Part1/5). Please note that this task is out of the consultants scopes (Aji). Please refer to the Yemeni Electrical Authority for feedback on that matter.

Q2.13 Electrical Works: Please we need single line Diagram for the Medium Voltage Switch Gear.
A2.13 - Please kindly confirm that price in words column in all BOQ sheets are to be filled with words of unit prices of each item?

Q2.14 Yes, price in words, should be filled with ink in words of unit prices of each item.

Q2.15 Warranty period for electrical, mechanical and medical equipment—please determine the warranty period of these works and equipment within your project?
A2.15 - Warranty period for the electrical, mechanical and medical equipment is two years.
Q2.16 Case of extension of warranty period of some medical equipment—in the case of any reason of making an extension for some medical equipment in the project. Is this going to affect the release of the 5% retention money? Please confirm.

A2.16 The warranty period for the medical equipment forms part of the Defects Liability Period. The 5% retention will only be paid once all works are accepted at the end of defects liability period. Therefore any extension to the warranty period. The 5% retention will only be paid once all works are accepted at the end of defects liability period. Therefore any extension to the warranty period due to any failures from the supplier during the warranty period will form an extension to the defects liability period and the 5% retention payment will have to wait until the expiry of the extended defects liability period.

Q2.17 Linear Accelerator and Angio Therapy—This major medical equipment is shown in the drawings and specifications of the medical equipment in the project. However they are not mentioned in the BOQ, please confirm if this equipment is to be provided in our scope or not?

A2.17 Linear Accelerator and Angio Therapy are not included in this stage of contract.

Q2.18 Referring to Particular Conditions—SubClause 14.4, Schedule of Payment—the payments of Electrical, Mechanical and Medical Equipment and works are scheduled in terms of: -70% of the prices quoted after training of staff and successfully passing the Functional test. Please be kindly informed that as well-known and in such projects, a Letter of Credit normally shall be issued by the Client for the purpose of ordering and providing the required Equipment. Also the payments shall be scheduled in terms of arrival of equipment and goods, to the site, installation and erection of Equipment and then commissioning and testing. We would like this point to be taken into consideration.

A2.18 Payments for Electrical, Mechanical, and Medical equipment will be paid only according to schedule of payments in the particular conditions—sub clause 14.4.

Q2.19 Type of Metal Ladders—In the architectural drawing A901, it is shown that ladders are made of Aluminum. However, in the following details ladders are described as galvanized steel. Please confirm the type of these ladders.

A2.19 The ladder specified in all documents is Aluminum. Contractor to price accordingly.

Q2.20 Laundry—In reference to laundry, Item no. 9 code # 111C 363N, STEAM HEATED FLATWORK IRONER W/ FEEDER FOLDER & STACKS. Please clarify the following: - What type of linen you want to handle. - Size of Linen. - Capacity of flatwork ironer.

A2.20 Flat Iron and various (Any flat linen) - Ironing width: 300mm - 330 Kg/Hr

Q2.21 In the BOQ its mentioned for the irrigation system to follow specification sections 32000/328413/328200 not 02811 irrigation specification; which means that these sections are missing Pls clarify?

A2.21 We could not find any reference to sections 32000 and 328200 in the irrigation BOQ as stated by the query above. However it is to be noted that the section coding 328413 refers to drip system irrigation system in the CSI 2004 coding which is equivalent to section code 02811 in CSI coding 1997-80. The coding basis for the project (ie BOQ and spec) is on CSI coding 1995, all irrigation specifications are to be referred to section 02811 in the tender documents and no missing sections are available.

Addendum No: 1

[Signature]
Q2.22 Lighting Fixtures - Items Type F32 and Type F34, page 16/66 - Qty = 377 pcs. No Specs attached in the drawing tables - (need Specs)

A2.22 Refer to lighting cut sheet for type F34.

Q2.23 BOQ item # 09340 Natural Marble -J (Marble dado to top of walls 5mm thick) please indicate us the detail of this item?

A2.23 Details for the marble to top of walls can be found in sheet no. (1116-01-1301). The required marble thickness is 30 mm on top of walls with different types and sizes and 50mm thick Rosso Verona for columns cladding with Crema Marfil base (skirting) of 170x121mm.

Q2.24 BOQ item # 09340 Natural Marble -J&k (Floor half marble) we have noticed that there is confliction in size between BOQ and Drawing's. In drawings it is shown that flooring is 600*600*20mm size, however, in BOQ it is 400*400*80mm and 290*600*80mm. Please confirm the size of flooring tiles especially the thickness of the tile.

A2.24 The Correct tiles size is 600*600*20mm. Refer to sheet no. (1116-01-01-1502)

Q2.25 Please provide AutoCad version of all the drawings?

A2.25 PDF copy of all drawings were submitted to all companies bought the documents along with the tender documents in order to help in preparing the bid and an Auto Cad copy will be available for the successful contractor who will execute the project.

Q2.26 Bill no.1.BOO Item # 05120 - Steel Structure - A(Structural steel to mechanical rooms): This item includes excavation, footings and columns, however, in drawings there is only steel shed because it is in the third floor and there is no need for those activities. Please confirm.

A2.26 The contractor is correct. There is no need for excavation. Work item s shall be limited to those indicated on the drawings.

Q2.27 In Bill no.1.BOO Item # 05520 - Handrails and Railings - D(Handrail at curtain walling): Please provide or indicate us to the detail of this item.

A2.27 For Hand rail detail refer to detail no.3 in sheet no. (1116-01-01-1301)

Q2.28 In Bill no.1.BOO Item # SUN BREAKERS - C - Aluminum Louver (At main entrance area): Please provide or indicate us to the detail of this item.

A2.28 For decorative steel bar refer to block 801 main hospital building wall section 4 in sheet no. (1116-01-01-0601) and elevation (1) at main entrance sheet no. (1116-01-01-A300)

Q2.29 Medical Works and Equipment: We have noticed that some medical items are described in Specification, shown on drawings but not mentioned in the Medical BOQ, such as Nuclear Medicines, Rehabilitation Equipment and Radiation Therapy Equipment. Please confirm if these items are in our scope of work or not.

A2.29 Only equipments that are listed in the BOQ are in the scope of this tender.

Q2.30 Please provide AutoCad version of all the drawings?

A2.30 PDF copy of all drawings were submitted to all companies bought the documents along with the tender documents in order to help in preparing the bid and an Auto Cad copy will be available for the successful contractor who will execute the project.
Q2.31 BOQ – B1002-Div.08 – Page 2/11 – Item 1 & B1002-Div. 10 – Page 2/18 – Item E: These items are already priced in the BOQ, are these prices shall be fixed for all tenders or not? Please confirm.

A2.31 These prices mentioned were included by mistake, please delete any pricing included in the tender documents unless specifically noted as provisional sum.

Q2.32 Glazing of Skylights: Please indicate us to the type of the glazing of the skylights.

A2.32 It is double glazed, 8mm external clear reflective float toughened glass, 12mm void, 8mm inner clear float toughened laminated glass.

Q2.33 BOQ – B1001 – Div.08 – Page 1/21 – Items G & H: the doors D44 & D 45 are listed in BOQ under the motorized doors with photo cell, however, drawings show that these two types are of normal doors. Please confirm if these 2 types are with motor and photo cell or not.

A2.33 Without motor and without photo cell, refer to sheet A401, A402.

Q2.34 BOQ – B1002 – Landscape: There are many items shown in here without any quantities, please provide the quantities of these items

A2.34 All BOQ items that do not have quantities are part of phase 2 of construction and therefore are not applicable for this package.

Q2.35 Please refer to paragraph (27.1) of the DataSheet. The margin for local preference: Domestic Bidders from the employers country and bidders from the Kingdom of Saudi Arabia will be awarded a margin of preference of 8% whereas in Annex A: qualifications of the Bidders: sub-clause 25.7.5; Domestic bidders and joint ventures of domestic bidders applying for eligibility for 5% of margin preference in bid evaluation shall supply all information, etc. is domestic preference 5% or 8% please clarify?

A2.35 As indicated in paragraph (27.1) of the Data Sheet of the Instructions to Tenderers, of volume No.(1) Conditions of Contract, Domestic preference is 8%.

Q2.36 In regards of the requested quantities, we have found that the BOQ and the spec files differ in quantities for the same items. Therefore, which file is leading for determining the required quantities?

A2.36 Please refer to the ITT/ Data Sheet (2.2); The system of works execution is Quantities, as per the BOQ.

Q2.37 We found some items in the BOQ with description and unit rate but no quantity is filled in the Quantity column. More over some unit price for some items are filled with prices please clarify?

A2.37 The contractor is responsible to price items that have quantities in the column and to put unit price for items that are marked Lump sum, but contractors are not requested to price items that have no quantities.

Q2.38 We would request you kindly to extend the date for Clarification and the submission date?

A2.38 Please note that the period allowed for clarification requests is extended till Wednesday, April 23, 2014 and the submission date is extended to 11:00 a.m. on Wednesday, 11th June 2014.