

**The Construction & Equipment Installation of the Hodaidah Central Hospital/Al-Hodaidah Governorate**

**IFB#3CW/SFD /2013**

**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 Biding Documents, knowing that the contents of this Addendum shall supersede those provided in the original Biding Documents and pervious amendments, wherever this Addendum contradict with the other parts or other amendments of the Biding Documents this addendum shall supersede.

**2. Queries & Clarifications**

Q2.1	<b>Is the Project exempted from custom duties and taxes?</b>																		
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	<b>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?</b>																		
A 2.2	All contractors should stamp all documents including the drawings and return them back with their bid. One Original + 2 Copies must be submitted of contractors 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	<b>Kindly check and correct the missed specifications in the Architectural</b>																		
A2.3	<p><b>120,5520,7000,8111,9260,9310,9410,9513,9900:</b></p> <table border="0"> <thead> <tr> <th style="text-align: left;"><i>Query</i></th> <th style="text-align: left;"><i>Response</i></th> </tr> </thead> <tbody> <tr> <td>- Section 09513 - Metal tiles false ceiling.</td> <td>Refer to section 09500- False ceilings, clause 2.01&amp; 2.02</td> </tr> <tr> <td>- Section 09410-Portland cement terrazzo tile</td> <td>Refer to Section 09300- Tile work, clause 2.04</td> </tr> <tr> <td>- Section 09310 - Ceramic tiles.</td> <td>Refer to Section 09300 - Tile work, clause 2.05</td> </tr> <tr> <td>- Section 09260 - Gypsum board false ceiling</td> <td>Refer to Section 09500 - False Ceilings, Clause 2.05</td> </tr> <tr> <td>- Section 08111 - Standard steel frames</td> <td>Refer to Section 08110 - Steel Doors &amp; Frames</td> </tr> <tr> <td>- Section 07000 - Rigid Insulation</td> <td>Refer to Section 07200 - Insulation</td> </tr> <tr> <td>- Section 05 520 - Handrails &amp; Railings.</td> <td>Refer to Section 05500 - Metal Fabrications, Clause 2.06</td> </tr> <tr> <td>- Section 05120 - Steel Structures.</td> <td>Refer to Section 05110 - Structural Steel Roof</td> </tr> </tbody> </table>	<i>Query</i>	<i>Response</i>	- Section 09513 - Metal tiles false ceiling.	Refer to section 09500- False ceilings, clause 2.01& 2.02	- Section 09410-Portland cement terrazzo tile	Refer to Section 09300- Tile work, clause 2.04	- Section 09310 - Ceramic tiles.	Refer to Section 09300 - Tile work, clause 2.05	- Section 09260 - Gypsum board false ceiling	Refer to Section 09500 - False Ceilings, Clause 2.05	- Section 08111 - Standard steel frames	Refer to Section 08110 - Steel Doors & Frames	- Section 07000 - Rigid Insulation	Refer to Section 07200 - Insulation	- Section 05 520 - Handrails & Railings.	Refer to Section 05500 - Metal Fabrications, Clause 2.06	- Section 05120 - Steel Structures.	Refer to Section 05110 - Structural Steel Roof
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Q2.4	<p><b>Please advise the capacity of the following:</b></p> <p>a) <b>Medical air plant&amp; medical vacuum plant?</b></p> <p>b) <b>Medical Vacuum Plant?</b></p>																													
A2.4	<p>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- 00-M701.</p> <p>b) Standard Cylinder capacity for each cylinder type as illustrated in the table below from HTM- 2022 and referred to AJ mechanical specifications.</p> <p>Table 14 Capacities of medical gas cylinders used on manifolds:</p> <table border="1" data-bbox="215 541 1292 1050"> <thead> <tr> <th>Gas</th> <th>Nominal Capacity (litres) At 137 bar g</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 rowspan="2">Nitrous oxide J Size</td> <td>18,000</td> <td></td> </tr> <tr> <td>G Size</td> <td>8,900</td> </tr> <tr> <td>Nitrous oxide/oxygen Mixtures G Size</td> <td>5,000</td> <td>4,740</td> </tr> <tr> <td>Medical air J size</td> <td>6,400</td> <td>6,220</td> </tr> <tr> <td>Oxygen/carbon dioxide Mixture (5% CO2) J size</td> <td>6,800</td> <td>5,550</td> </tr> <tr> <td></td> <td></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> <p>* This may be subject to change</p> <p>** 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.</p>	Gas	Nominal Capacity (litres) At 137 bar g	** Usable capacity (litres)	Oxygen J size	6,800	6,540	Nitrous oxide J Size	18,000		G Size	8,900	Nitrous oxide/oxygen Mixtures G Size	5,000	4,740	Medical air J size	6,400	6,220	Oxygen/carbon dioxide Mixture (5% CO2) J size	6,800	5,550			6,540	Nitric oxide AU size	1,500 *	-	Nitric oxide AK size	4,000 *	-
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Q2.5	<p><b>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?</b></p>																													
A2.5	<p>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 so 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.: 1116-01-00 M701</p>																													
Q 2.6	<p><b>How is the project financed ?</b></p>																													
A 2.6	<p>The Project is financed 80% by Saudi Fund for Development and 20% by the Yemeni Government.</p>																													
Q2.7	<p><b>In the specifications for fire rated walls and as mentioned below :</b></p> <p><b>A. Requirements for fire-rated or lateral support conditions are to be regulated in compliance with local building codes &amp; are not necessarily fully defined on the Drawings.</b></p> <p><b>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.</b></p> <p><b>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.</b></p>																													
A2.7 a&b	<p>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).</p>																													



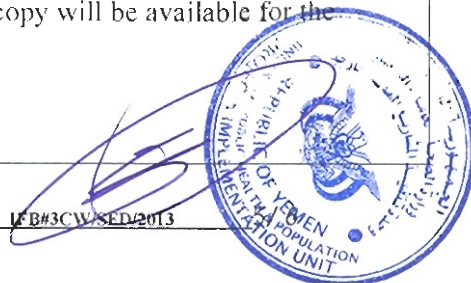
Q2.8	<b>- Roof parapet 15cm thick and in BOQ 8 C is 150 cm, please clarify.</b>														
A2.8	- Roof parapet should be 150mm. BOQ to be amended accordingly.														
Q2.9	<b>Metall Tiles false ceiling the unit is in m2 and some places m3 please confirm.</b>														
	<table border="1"> <tr> <td colspan="4">09513- Metal Tiles false Ceiling</td> </tr> <tr> <td>Powder coated suspended non perforated metal tiles, including suspension system, access panels, fixings, fittings and accessories, complete as shown on drawings and as per specifications.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Horizontally, 303x300x5mm thick</td> <td>M3</td> <td>6</td> <td></td> </tr> </table>			09513- Metal Tiles false Ceiling				Powder coated suspended non perforated metal tiles, including suspension system, access panels, fixings, fittings and accessories, complete as shown on drawings and as per specifications.				Horizontally, 303x300x5mm thick	M3	6	
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A2.9	- All metal tiles false ceiling to be measured in m2. BOQ to be amended														
Q2.10	<b>Resilient Floor Tiling : In the B.O.Q the dimensions are 600 x 600 x 3mm and the Specifications call for rolls. Please Confirm.</b>														
A2.10	The specified resilient flooring in the drawings and specs is rolls. BOQ will be amended accordingly.														
Q2.11	<b>In cavity block walls as below:</b>														
	Cavity block wall comprising, 150 mm hollow block, 50mm thick thermal insulation, 100mm thick hollow block.		M2 150												
	Cavity block wall comprising, 150 mm solid block, 50mm thick thermal insulation (measured elsewhere), 100mm thick hollow block		M2 95												
	<b>In Bills it is mentioned that the thermal insulation will be measured elsewhere and in other Bills this is not mentioned. Please confirm.</b>														
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	<b>Could you please provide us with a copy of the soil investigation report?</b>														
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)														
Q2.13	<b>Electrical Works: Please we need single line Diagram for the Medium Voltage Switch Gear.</b>														
A2.13	Please note that this task is out of the consultants scopes (Aj) Please refer to the Yemeni Electrical Authority for feedback on that matter.														
Q2.14	<b>Please kindly confirm that price in words column in all BOQ sheets are to be filled With words of unit prices of each item?</b>														
A2.14	Yes , price in words, should be filled with ink in words of unit prices of each item.														
Q2.15	<b>Warranty period for electrical, mechanical and medical equipment –please determine the warranty period of these works and equipment within your project?</b>														
A2.15	Warranty period for the electrical, mechanical and medical equipment is two years.														



Q2.16	<b>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</b>
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	<b>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 ?</b>
A2.17	Linear Accelerator and Angio Therapy are not included in this stage of contract.
Q2.18	<b>Referring to Particular Conditions –SubClause14.4,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 erection of equipment -30% 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.</b>
A2.18	Payments for Electrical, Mechanical ,and Medical equipment will be paid only according to schedule of payments in the particular conditions –subclause14.4,
Q2.19	<b>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.</b>
A2.19	The ladder specified in all documents is Aluminum. Contractor to price accordingly.
Q2.20	<b>Laundry : In reference to laundry, item no. 9 code # LUIC 363S, STEAM HEATED FLATWORK IRONER W/ FEEDER FOLDER &amp; STACKS. Please clarify the following:</b> - What type of linen you want to handle. - Size of Linen. - Capacity of flatwork ironer.
A2.20	- Bed Linen and various (Any flat linen) - Ironing width 3000mm - 330 KG/HR
Q2.21	<b>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 ?</b>
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 1995. Since the coding basis for the project (i.e BOQ and specs) 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.



Q2.22	<b>Lighting Fixtures Items Type F23 and Type F34 , page 46/66 – Qty = 377 pcs. No Specs attached in the drawing tables –(need Specs)</b>
A2.22	Refer to lighting cut sheet for type F34 - Type F23 is lighting point, no need for cut sheet.
Q2.23	<b>BOQ item # 09340 Natural Marble –J (Marble dado to top of walls 5mm thick) please indicate us the detail of this item?</b>
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 Marfi base (skirting ) of 170x121mm.
Q2.24	<b>BOQ item # 09340 Natural Marble –j&amp;k (Floor band marble ) we have noticed that there is conflict 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?</b>
A2.24	The Correct tiles size is 600*600*20mm ,refer to sheet no.1116-01-01-1902
Q2.25	<b>Please provide AutoCad version of all the drawings?</b>
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	<b>Bill no.1 ,BOQ 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.</b>
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	<b>In Bill no.1 ,BOQ Item # 05520 – Handrails and Railing – D(Handrail at curtain walling): Please provide or indicate us to the detail of this item.</b>
A2.27	For Hand rail detail refer to detail no.3 in sheet no. (1116-01—01-1301)
Q2.28	<b>In Bill no.1 ,BOQ Item # SUN BREAKERS – C – Aluminum Louver (At main entrance area): Please provide or indicate us to the detail of this item.</b>
A2.28	For decorative steel bar refer to block B01 main hospital building wall section 4 in sheet no.(1116-01-01-601)and elevation (1) at main entrance sheet no (1116-01-01-A300)
Q2.29	<b>Medical Works and Equipment: We have noticed that some medical items are described in Specification, show ou 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.</b>
A2.29	Only equipments that are listed in the BOQ are in the scope of this tender.
Q2.30	<b>Please provide AutoCad version of all the drawings?</b>
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	<b>BOQ – Bill#02-Div.08 –Page 2/11 – Item I &amp; Bill#2-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.</b>
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	<b>Glazing of Skylights: Please indicate us to the type of the glazing of the skylights.</b>
A2.32	It is doubled glazed ,8mm external clear reflective float toughened glass ,12mm void ,8mm inner clear float toughned laminated glass.
Q2.33	<b>BOQ – Bill#1 – Div.08 – Page 1/21 – Items G &amp; H: the doors D44 &amp; 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.</b>
A2.33	Without motor and without photo cell ,refer to sheet A401,A402
Q2.34	<b>BOQ – Bill#13 – Landscape: There are many items shown in here without any quantities , please provide the quantities of these items</b>
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	<b>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-clause25.7.5,Domestic bidders and joint ventures of domestic bidders applying for eligibility for 5% of margin preference iu bid evaluation shall supply all information ....etc.,is domestic preference 5% or 8% please clarify?</b>
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	<b>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?</b>
A2.36	Please refer to the ITT /Data Sheet ( 2..2); The system of works execution is Quantities, as per the BOQ.
Q2.37	<b>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?</b>
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	<b>We would request you kindly to extend the date for Clarification and the submission date?</b>
A2.38	Please note that the period allowed for clarification requests is extended till Wednesday April 30 <sup>th</sup> 2014 and the submission date is extended to 11:00 a.m on Wednesday 11 <sup>th</sup> June 2014.

