

Answers to Queries Received from Potential Tenderers to the International Tender # 5/2015

Section 1: Answers to Questions of Technical Nature (48 Questions)

Q #	Question and Answers
1	<p>Lot 1 CNC lathe and milling educational machine What is the type of the control system? Is this control system an international industrial control system like Sinumerik, Fanuc ...etc. or this control system is a special system concerning the manufacturing company?</p> <p><u>Answer</u> The control system is an international industrial control system like Sinumerik, Fanuc ...etc.</p>
2	<p>Lot 1 CNC lathe and milling educational machine The required power for motors and its relation with the cooling system It is required that "Spindle motor power: 1 HP AC". This motor power is not suitable for cutting steel metallic pieces like steel as the cutting of steel needs a cooling system but this motor power can cut only non-steel metallic pieces like copper, aluminum, plastics, ...etc. Please inform if you need a cooling system for the machines or Not?</p> <p><u>Answer</u> We need an automatic cooling system for the machines (Look at the detailed specifications).</p>
3	<p>Lot 1 CNC lathe and milling educational machine CNC lathe technical characteristics In CNC lathe technical characteristics stated in item 1.1, "Height of centres: 260 mm". This means that the swing will be 520 mm, Is this true? If No, what is meant by specifying the Height of centres by 260 mm?</p> <p><u>Answer</u> Height of centres by 260 mm means that swing over bed is 260 mm. Swing over cross slides is less than 260 mm.</p>
4	<p>Lot 1 CNC lathe and milling educational machine What is the relation between Lot (1) and Lot (2)?</p> <p><u>Answer</u> Lot (1) and Lot (2) must be compatible with the same control software.</p>

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5	<p>Lots 1, 2, and 3, Lot (1), Lot (2), and Lot (3) must come from the same supplier or Not?</p> <p><u>Answer</u></p> <p>Lot (1), Lot (2), and Lot (3) must be compatible with the same control software.</p>
6	<p>Lots 1 & 2, What type of CNC machines for Lots 1 & 2, do you required educational or industrial?</p> <p><u>Answer</u></p> <p>Educational machines are required.</p>
7	<p>Lots 1 & 2, For CNC milling machine what is the axis travel? For X: ? Y: ? and Z: ?</p> <p><u>Answer</u></p> <p>X: 160 mm. Y: 200 mm. and Z: 100 mm. (Minimum values).</p>
8	<p>Lot 2 CNC Flexible educational Manufacturing System What type of FMS System, do you required Fixed FMS or Modular FMS?</p> <p><u>Answer</u></p> <p>The Flexible Manufacturing System should be an advanced, flexible automatic manufacturing system (Computer Integrated Manufacturing) that may be made up of one or several CNC machines and also a number of automation devices that make it possible to fully handle, machine and store mechanical parts (even complex ones). The communication between the various units will be achieved by means of an Ethernet network, and a set of In/Out signals managed by the PLC which will make it possible to examine in depth all of the aspects and devices used for managing highly automated systems. The system's modular and flexible features allow a gradual teaching approach able to deal with all of the teaching subjects in a very efficient and simple way. The system management is made by a powerful remote control and monitoring software package that operates in real-time even through an operator's interface.</p>

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9	<p>Lot 2 CNC Flexible educational Manufacturing System What is the automation process required from FMS?</p> <p><u>Answer</u></p> <p>The CNC Flexible Manufacturing System should be equipped with:</p> <ul style="list-style-type: none"> • Industrial articulated robot with six degrees of freedom (max.load: 3.5 kg), complete with controller and pneumatic pliers (max. reach: 641 mm); • Fully-controlled saddle for robot positioning, complete with a brushless motor and controller (length: 1700 mm); • Loading/unloading magazine, complete with actuators and sensors; • Control and management system operated by a PC, with provisions for connecting to a LAN ETHERNET network; • Latest-generation PC complete with 19" monitor and color printer; • Interactive touch-screen LCD operator panel with built-in supervision and control PLC, complete with a LAN Ethernet network connector; • System supervision and control software; • Full protection for the work area, executed by means of metallic section bars, Lexan windows, a metallic grid and an interlocked door; • Pneumatic press supporting table; • PC supporting table; • Set of connectors, cables and accessories for immediate electric and mechanical; • Set of test parts for the toggle press; • Installation and start-up manual; • Instruction manual. <p>This will satisfy several examples of the automation process required from FMS.</p>
10	<p>Lot 2 CNC Flexible educational Manufacturing System Item 2 .1 CNC Flexible manufacturing system Please give your Layout of FMS, List of Items and Target processes of FMS</p> <p><u>Answer</u></p> <p>Look at detailed specifications stated in the previous query # 9.</p>
11	<p>Lot 2 CNC Flexible educational Manufacturing System Item 2 .1 CNC Flexible manufacturing system Is CNC Flexible Manufacturing System requiring CNC lathe machine or CNC milling machine or Both of Them?</p> <p><u>Answer</u></p> <p>Both of them.</p>

Q #	Question and Answers
12	<p>Lot 3 CNC simulation software What is the relation between Lot (3) and Lot (1)?</p> <p><u>Answer</u> Lot (3) and Lot (1) must be compatible with the same control software.</p>
13	<p>Lot 3 CNC simulation software The simulation software works offline or connected by CNC Machines?</p> <p><u>Answer</u> The simulation software works connected by CNC Machines and offline.</p>
14	<p>Lot 3 CNC simulation software The simulation software dependent on CNC Machines in Lot (1) or not?</p> <p><u>Answer</u> The simulation software must be dependent on CNC Machines in Lot (1).</p>
15	<p>For Lot1 , Lot 2 and Lot 3 It is stated in general requirements that "16 hours demo to teachers demonstrating most of the functionalities of the equipment supplied". Does this mean training after delivery of the equipment supplied or another type of demo is meant?</p> <p><u>Answer</u> This means training after delivery of the equipment supplied.</p>
16	<p>Lot 4 Pneumatic and electro-pneumatic components Is there any working table or air compressor included? Do you need working table and air compressor or not?</p> <p><u>Answer</u> We do not need any workbenches or air compressors. We gave the technical specifications for the already existing workbenches and air compressors in order to make the offers for components introduced by tenderers compatible with these existing workbenches and air compressors.</p>

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17	<p>Lot 4 & Lot 5 For Lots 4 & 5, the dimensions for the required working table are specified in millimetres (mm) but for each manufacturer, there are his own dimensions. Please clarify if we can offer any alternatives in order to enable tenderers to give a suitable offer?</p> <p><u>Answer</u></p> <p>It is stated that "Alternatively, the supplier can include in the offer a proprietary workbench with the same technical specifications but its cost should be included in the final price and will not be considered as a separate additional item".</p>
18	<p>Lot 4 Pneumatic and electro-pneumatic components Concerning the Lot 4 they ask that "The items offered should fully compatible with the existing workbench of the pneumatic laboratory " so it seems that the specs are really closed to only one manufacturer, our products are not totally compliant.</p> <ul style="list-style-type: none"> - " The items offered should be fully compatible with the existing workbench of the pneumatic laboratory " Ask Brand and model of the existing workbench " <p><u>Answer</u></p> <p>It does not a matter what is the brand or the model. The existing workbench is just a normal workbench with the given technical specifications.</p> <ul style="list-style-type: none"> - Item 4 " Alternatively, the supplier can include in the offer a proprietary workbench with the same technical specifications but its cost should be included in the final price and will not be considered as a separate additional item." Please clarify <p><u>Answer</u></p> <p>This means that the price of the offered workbenches will not be a separate additional item but will be distributed over the price of the required items as we do not want to buy workbenches.</p>

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19	<p data-bbox="228 247 954 275">Lot 4 Pneumatic and electro-pneumatic components</p> <p data-bbox="272 310 1484 478">a) Workbenches are required or not? Because only the manufacturer of the existing workbench could offer only the components, “ The items offered should be fully compatible with the existing workbench of the pneumatic laboratory “ the others must have to quote a workbench so they will be automatically out done by the cost, this is not possible If workbench are required please the Quantity.</p> <p data-bbox="321 514 430 541"><u>Answer</u></p> <p data-bbox="321 562 1490 730">Workbenches are not required. In case that the components supplied by the tenderer are not fully compatible with the existing workbench of the pneumatic laboratory, the tenderer can include in the offer a proprietary workbench with the same technical specifications but its cost should be included in the final price and will not be considered as a separate additional item.</p> <p data-bbox="272 800 1495 926">b) In case of alternative solution, could we quote a complete alternative solution or not? Because an alternative solution could not be with the same technical specifications of the existing one’s it’s alternative solution Same as before, only the manufacturer of the existing equipment could do that</p> <p data-bbox="321 947 430 974"><u>Answer</u></p> <p data-bbox="321 995 1484 1100">You can quote any alternatives but with the same technical specifications of the existing workbench and its cost should be included in the final price and will not be considered as a separate additional item.</p> <p data-bbox="272 1163 1377 1226">c) It’s not clear but its cost should be included in the final price and will not be considered as a separate additional item please clarify.</p> <p data-bbox="321 1262 430 1289"><u>Answer</u></p> <p data-bbox="321 1310 1451 1373">It is very clear that we will not buy any workbenches. So, you can not include any prices for items you did not mention in the supplied items.</p>

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20	<p>For lot 4,</p> <p>Item 4.1 and 4.2 “ the tenderer has the possibility to replace not more than 6 items in each set with equivalent components maintaining the total number of components requested “</p> <p>please ask it’s not clear, there are no specs of the components only title so as I understand we could only replace a components with one as the same Example pos 2 “ Pressure sequence valve “ if we follow the rules we can replace the component but must be the same “ Pressure sequence valve “ it’s no sense or I’m wrongly interpreted the rule, please ask</p> <p><u>Answer</u></p> <p>You can replace the 6 components with an equivalent, it means with other components (not specified in the set) at supplier discretion these replaced components should be suitable for the experiments / activities / learning of the lot.</p>
21	<p>Lot 4 Pneumatic and electro-pneumatic components</p> <p>In the workbench specifications it is said that it should have two cabinets with at least 8 drawers, Does that mean the both should have 8 drawers total (4 each) or should they have 8 drawers each?</p> <p><u>Answer</u></p> <p>This means the both should have 8 drawers total (4 each).</p>
22	<p>Lot 4 Pneumatic and electro-pneumatic components</p> <p>In components list 4.1 & 4.2 it says (2 sets of pneumatic components each including the following items) does that mean that two workbenches plus a set of components for each workbench is required? or Does it mean that only one workbench is required plus two sets of components?</p> <p><u>Answer</u></p> <p>No workbenches are required. The required is only the components and we put a general requirement that these components offered should be fully compatible with the existing workbench of the pneumatic laboratory with the given technical specifications.</p>
23	<p>Lot 4 Pneumatic and electro-pneumatic components</p> <p>In the components list 4.1 & 4.2 there is a component called "Spare part", what is that component?</p> <p><u>Answer</u></p> <p>The supplier can indicate some components that suggest to be kept as spare parts for the lot. The quotation if relevant should be made separate and the tenderer has the rights to include or exclude from the procurement. The component "Spare part" is like fitting: L shape (M5) , I shape (M5), L shape (G1/8), I shape (G1/8).</p>

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24	<p>Lot 4 Pneumatic and electro-pneumatic components In the components list 4.1 there is a component called "Stepper module, expansion", I would like to know more details about it please.</p> <p><u>Answer</u></p> <p>The stepper controller is obtained from the series connection of four type basic modules. This module comprises a memory with display and manual override as well as an AND and OR gate.</p> <p>Sequence controls can be designed with a shift register chain composed. A shift register chain consists of a number of memory elements (pilot valves) corresponding to the switching steps - shift register modules. These are connected to one another in such a way that a switching step can only be triggered at the appropriate time, i.e. the preceding switching step was successfully executed and acknowledged.</p>
25	<p>Lot 5 Hydraulics and electro-hydraulics components Power unit, Measuring container, Oil tray are repeated in Item 5.1 ; 5.2 and 5.3 Please check accurately the required quantity of it</p> <p><u>Answer</u></p> <p>We intend to buy these components for each item. These items are not repeated.</p>

Q #	Question and Answers
26	<p>Lot 5 Hydraulics and electro-hydraulics components</p> <ul style="list-style-type: none"> • No mention about the compatibility with eventual existing equipment as in the lot 4 <u>Answer</u> Because there are no existing workbenches for hydraulics unlike pneumatics which there are workbenches existed. • Please ask brand and model of the eventual existing workbench and/or equipment If the quoted one's should be compatible <u>Answer</u> Again there are no existing workbenches for hydraulics. • Could be possible to offer a complete alternative solution based on the specs? <u>Answer</u> Again there are no existing workbenches for hydraulics. • Could be possible quote only a partial alternative solution “that should be compatible with the existing equipment?” <u>Answer</u> Again there are no existing workbenches for hydraulics. • Same as before Item 5.1 and 5.2 “ the tenderer has the possibility to replace not more than 8 items in each set with equivalent components maintaining the total number of components requested “ please ask for clarification as it's not clear <u>Answer</u> You can replace the 8 components with an equivalent, it means with other components (not specified in the set) at supplier discretion these replaced components should be suitable for the experiments / activities / learning of the lot.
27	<p>Lot 4 & Lot 5 Do we need to make any compatibility, coupling or link between the required components of the electro-pneumatic or electrohydraulic lots, and the already existing components?</p> <p><u>Answer</u> No, you do not need to make any compatibility, coupling or link between the required components of the electro-pneumatic or electrohydraulic lots, and the already existing components. The compatibility is only between the pneumatic and the electro-pneumatic components and the existing workbench of the pneumatic laboratory.</p>

Q #	Question and Answers
28	<p>Lot 6 Industrial sensors In lot 6.1 "Student Vertical workbench for Industrial sensors ", the components should be fully compatible with the existing workbench of the PLC laboratory Do you need Student Vertical Workbench for Industrial sensors or Not?</p> <p><u>Answer</u> Yes, we need two Student Vertical Workbench for Industrial sensors with the given technical specifications in the item 6.1.</p>
29	<p>Lot 6 Industrial sensors For lot 6, it is stated that "The items offered should fully compatible with the existing workbench". So, we hope that you agree for us to introduce an integrated offer with workbenches of our agent companies as it is possible some agent companies face technical problems in installing components from an agent company with workbenches from another agent company.</p> <p><u>Answer</u> Yes you should offer your system with your bench / table, but this extra component should be included in your quotation and you do not have any advantage on offering additional parts.</p>
30	<p>Lot 6 Industrial sensors Do you have an already existed PLC system? If yes, should the new laboratories be compatible with this PLC system?</p> <p><u>Answer</u> Yes, we already have an existed PLC system. The new laboratories should be compatible with the existing workbench of the PLC laboratory.</p>

Q #	Question and Answers
31	<p>Lot 6 Industrial sensors Please inform us with the technical specifications of the existing workbench of the PLC laboratory stated in item 6.1 as it is stated in this item "The components should be fully compatible with the existing workbench of the PLC laboratory".</p> <p><u>Answer</u></p> <p>The existing workbench for the PLC laboratory has the following technical specifications:</p> <ul style="list-style-type: none"> • Highly-compressed multi-layered fine wood • The border of the table top is a solid, impact-resistant • Dimension : 1200x800x760 mm (W x D x H) at least • Under-table cabinet, 4 drawers with lock • Three-phase power supply 400V, 16A: <ul style="list-style-type: none"> – Key switch for function release – Motor protection switch 10-16A – Under-voltage release – Faulty current safety switch 30mA – Emergency off button, turn to unlock – Safety sockets 4mm for L1, L2, L3, N, PE – 3 phase control lamps for L1, L2, L3 • DC power supply unit <ul style="list-style-type: none"> – Output voltage: 24V – Output current: 2,5A – Lab safety sockets – Rocker switch • Socket panel unit 220V with 4 earth pin sockets • Hand-Held Digital Multimeter <ul style="list-style-type: none"> – 3³/₄-digit multimeter; resolution: ±4 000 Digits or Better – Measurement classification CATII-1000V or Better – Voltage and current measuring ranges: 400mV–1000V DC, 400mV–1000V AC; 40µA–10A DC; 40µA-10A AC – Resistance measurement ranges: 100mohm-40Mohm – Capacitance measuring range 1pF to 200µF – Frequency measuring range 0.001Hz to 500kHz – Duty cycle measurements – Continuity and diode testing – Automatic range selection and battery shut-off, min. /max. and data hold function – Includes protective sleeve, measuring leads and battery

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32	<p>Lot 6 Industrial sensors Should the two items 6.1 and 6.2 operate as an integrated unit?</p> <p><u>Answer</u> Yes, the two items 6.1 and 6.2 should operate as an integrated unit.</p>
33	<p>Lot 6 Industrial sensors</p> <ul style="list-style-type: none"> • Item 6.1 Student workbench “ the components should be fully compatible with the existing workbench of the PLC laboratory” that is not possible, only the original manufacturer could quote <u>Answer</u> Yes, you should offer your system with your bench / table, but this extra component should be included in your quotation and you do not have any advantage on offering additional parts. • Could be possible to offer a complete alternative solution or not? <u>Answer</u> Yes, the tenderer can introduce any alternative offers with workbenches of his agent companies and then, the offer will be evaluated. • Could be possible quote only a partial alternative solution “that should be compatible with the existing equipment?” <u>Answer</u> No.
34	<p>Lot 6 Industrial sensors</p> <ul style="list-style-type: none"> • Item 6.1 same as before please clarify the quantity 1 or 2. <u>Answer</u> The quantity is 1 for the Item 6.1 means 2 workbenches. • Same as before Item 6.2 “ the tenderer has the possibility to replace not more than 10 items in each set with equivalent components maintaining the total number of components requested “ please clarify as it’s not clear. <u>Answer</u> You can replace the 10 components with an equivalent, it means with other components (not specified in the set) at supplier discretion these replaced components should be suitable for the experiments / activities / learning of the lot.

Q #	Question and Answers
35	<p>Lot 6 Industrial sensors</p> <ul style="list-style-type: none"> • What does he mean with the possibility to replace not more than 10 items in each set? <u>Answer</u> You can replace the 10 components with an equivalent, it means with other components (not specified in the set) at supplier discretion these replaced components should be suitable for the experiments / activities / learning of the lot. • What is the relation between the lot 6 and lot 7? <u>Answer</u> There is NO relation between the lot 6 and lot 7. • What is the operating signal of one-way flow control valve? <u>Answer</u> Manual Operation. • What are the demanded weights in set of weights? <u>Answer</u> The demanded weights in set of weights are: 20g, 50g, 100g, 200g, and 500g. • What are the demanded objects in set of objects? <u>Answer</u> The demanded objects in set of objects are: Steel, magnet, stainless steel, aluminum, copper, and plastic. • How many channel of graph paper pad and its speed? <u>Answer</u> Graph paper pad is a paper pad. • Which type positioning slide? <u>Answer</u> The technical data of positioning slide are: Sliding range: 150 mm, Scale: 1 mm, Rotary angle: $\pm 90^\circ$, Rotary scale: 2°, Vernier scale: 0.2 mm, and Max. fixture width: 5 mm. • What is the demanded vernier caliper as there are three verniers? <u>Answer</u> There are two verniers and one Mounting kit: Vernier caliper (No. 1): Digital display, portable and Vernier caliper (No. 2): Digital display, fixed as well as Mounting kit for fixing vernier caliper. • Which type of diffuse optical sensor? <u>Answer</u> The type of diffuse optical sensor is IR LED.

Q #	Question and Answers
36	<p>Lot 7 Stand – alone process control systems In item 7.1, No of workbenches Quantity (2) not compatible with no of Stand – alone Systems Quantity (6) please check accurate required quantity of workbenches.</p> <p><u>Answer</u></p> <p>The supplier should know that we already have 12 existing workbenches in the PLC laboratory. We need only 2 vertical workbenches for Lot 7 as we will use the existing workbenches.</p>
37	<p>Lot 7 Stand – alone process control systems</p> <ul style="list-style-type: none"> The lot 7 is “ Stand alone process control system please check and control:- Item 7.1 Student workbench may be there is something wrong is the copy and paste of the item 6.1 <u>Answer</u> There is nothing wrong. We need 2 student workbenches for Lot 6 and also, we need another 2 student workbenches for Lot 7. In case of workbenches are requested please clarify the following :- the components should be fully compatible with the existing workbench of the PLC laboratory” that is not possible only the original manufacturer could quote <u>Answer</u> Yes you should offer your system with your bench / table, but this extra component should be included in your quotation and you do not have any advantage on offering additional parts.
38	<p>Lot 7 Stand – alone process control systems</p> <ul style="list-style-type: none"> Item 7.1 please clarify also the quantity 1or 2 <u>Answer</u> The quantity 1 of the Item 7.1 means 2 workbenches. Could be possible to offer a complete alternative solution or not? <u>Answer</u> Yes you should offer your system with your bench / table, but this extra component should be included in your quotation and you do not have any advantage on offering additional parts. Item 7.4 Title is not stated <u>Answer</u> This is not true. The title of Item 7.4 is "1 set of Pressure Control Training System Stand-Alone".

Q #	Question and Answers
39	<p data-bbox="224 247 1497 380">Lot 7 Stand – alone process control systems Please inform us with the technical specifications of the existing workbench of the PLC laboratory stated in item 7.1 as it is stated in this item "The components should be fully compatible with the existing workbench of the PLC laboratory".</p> <p data-bbox="224 415 334 447"><u>Answer</u></p> <p data-bbox="224 464 1471 495">The existing workbench for the PLC laboratory has the following technical specifications:</p> <ul data-bbox="250 499 1497 1644" style="list-style-type: none"> • Highly-compressed multi-layered fine wood • The border of the table top is a solid, impact-resistant • Dimension : 1200x800x760 mm (W x D x H) at least • Under-table cabinet, 4 drawers with lock • Three-phase power supply 400V, 16A: <ul style="list-style-type: none"> – Key switch for function release – Motor protection switch 10-16A – Under-voltage release – Faulty current safety switch 30mA – Emergency off button, turn to unlock – Safety sockets 4mm for L1, L2, L3, N, PE – 3 phase control lamps for L1, L2, L3 • DC power supply unit <ul style="list-style-type: none"> – Output voltage: 24V – Output current: 2,5A – Lab safety sockets – Rocker switch • Socket panel unit 220V with 4 earth pin sockets • Hand-Held Digital Multimeter <ul style="list-style-type: none"> – 3³/₄-digit multimeter; resolution: ±4 000 Digits or Better – Measurement classification CATII-1000V or Better – Voltage and current measuring ranges: 400mV–1000V DC, 400mV–1000V AC; 40µA–10A DC; 40µA-10A AC – Resistance measurement ranges: 100mohm-40Mohm – Capacitance measuring range 1pF to 200µF – Frequency measuring range 0.001Hz to 500kHz – Duty cycle measurements – Continuity and diode testing – Automatic range selection and battery shut-off, min. /max. and data hold function – Includes protective sleeve, measuring leads and battery

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40	<p>Lot 7 Stand –alone process control systems Should the seven items, from item 7.1 to item 7.7, operate as an integrated single unit?</p> <p><u>Answer</u></p> <p>The Item 7.1 is Student Vertical Workbench and the Items from 7.2 to 7.7 are Stand – alone individual process control systems not one system, taking in to consideration that Lot (7) is a complete package and should not be divided.</p>
41	<p>Lot 7 Stand – alone process control systems Do you need PCS for Stand – alone Systems or Not?</p> <p><u>Answer</u></p> <p>Yes, one PC is needed for each workbench with total quantity Two PC's for Lot (7).</p>
42	<p>Lot 7 Stand – alone process control systems For Lot 7, it stated in item 7.1 that "The components should be fully compatible with the existing workbench of the PLC laboratory". This will be considered as an upgrading for the previous supplied equipment in the previous tender. Based on this, none of companies can give an offer for the item 7.1 although our agent companies can give an offer for items 7.2, 7.3, 7.4, and 7.5. So, please agree for introducing an integrated offer with workbenches of our agent companies as it is possible some agent companies face technical problems in installing components from an agent company with workbenches from another agent company.</p> <p><u>Answer</u></p> <p>The supplier should know that we already have 12 existing workbenches in the PLC laboratory. We need only 2 vertical workbenches for Lot 7 as we will use the existing workbenches. Therefore, the components should be fully compatible with the existing workbenches. Of course, the tenderer can introduce any integrated offers with workbenches of his agent companies and then, the offer will be evaluated.</p>
43	<p>Lot 7 Stand – alone process control systems In item 7.7, it is stated that "Interface/adaptor to control the training system from Siemens PLC S7 300". Can we offer using other types of PLC such as Allen Bradley or any other types?</p> <p><u>Answer</u></p> <p>The supplier can offer Stand – alone process control systems such that link between the experimental unit and the PC is made via a USB port or using PLC Siemens PLC S7 300.</p>

Q #	Question and Answers
44	<p>For Lot 4 to Lot 8 It is stated in general requirements that "4 hours demo to teachers demonstrating most of the functionalities of the equipment supplied". Does this mean training after delivery of the equipment supplied or another type of demo is meant?</p> <p><u>Answer</u> This means training after delivery of the equipment supplied.</p>
45	<p>Lot 8 Operating and monitoring with the Touch Panel What are the technical specifications of the existing SCADA and HMI systems?</p> <p><u>Answer</u> There are no existing SCADA and HMI systems. The existed is the workbenches and the technical specifications of these existing workbenches are already stated in the general requirements of Lot 8.</p>
46	<p>Lot 8 Operating and monitoring with the Touch Panel Please inform us with the technical specifications of the existing workbench of the SCADA and HMI systems stated in general requirements of Lot 8 as it is stated in these general requirements "The items offered should fully compatible with the existing workbench of the SCADA and HMI systems".</p> <p><u>Answer</u> These technical specifications are already stated in the general requirements of Lot 8.</p>
47	<p>Lot 8 Operating and monitoring with the Touch Panel Should the four items, from item 8.1 to item 8.4, operate as an integrated single unit?</p> <p><u>Answer</u> Yes, the four items, from item 8.1 to item 8.4, should operate as an integrated single unit.</p>

Q #	Question and Answers
48	<p data-bbox="224 247 1500 310">Lot 8 Operating and monitoring with the Touch Panel What are the practical activities that will be carried out by using Lot 8?</p> <p data-bbox="224 348 334 380"><u>Answer</u></p> <p data-bbox="224 396 1312 428">The practical activities that will be carried out by using Lot 8 are the following:</p> <ul data-bbox="321 432 1500 852" style="list-style-type: none"> • Planning and configuration of the PLC Touch Panel and the controlled system; • Programming of errors and status messages of the automated system; • Programming of input and output variables of the automated system; • Modifying the control program (e.g.: set-point value adjustments); • Putting into operation in the system; • Universal communication; • Compact training system for easy assembly of a PROFINET network; • Remote diagnosis of an automation system can be performed using web-server and system function components (SFCs); • Network setup and assembly using PROFINET; • Using the components and methods of remote maintenance for industrial applications using the internet.

Section 2: Answers to Questions of Administrative Nature (15 Questions)

Q #	Question and Answers
1	<p>According to the Egyptian Law 89 for year 1998 on bids and tenders, and its executive regulations, the tenderer after signing the supply contract can take 25% of the total value of supply contract as a pre-payment and this after the tenderer brings a bank guarantee letter. The bank guarantee letter is re-backed to the tenderer after supplying of the equipment. Please clarify</p> <p><u>Answer</u></p> <p>It is very clear.</p>
2	<p>Concerning evaluation criteria, What are the conditions of European Parliament and Council decision N. 768/2008/EC?</p> <p><u>Answer</u></p> <p>Find it in internet.</p>
3	<p>In evaluation criteria, can an item concerning the previous experience of works inside Egypt is added?</p> <p><u>Answer</u></p> <p>It will be at the discretion of the evaluation committee.</p>
4	<p>Does the tenderer need to introduce a CE Certificate for each item in the tender separately, or the tenderer can introduce one certificate for the agent company that will represent the tenderer in the tender?</p> <p><u>Answer</u></p> <p>One certificate from the manufacturer not from the agent.</p>
5	<p>In evaluation criteria, it is stated that "Compliance to European Parliament and Council decision N. 768/2008/EC". How to fulfil this compliance? By a certificate? If yes, what is the name of this certificate?</p> <p><u>Answer</u></p> <p>It is stated in the decision. You can find this decision in the internet.</p>
6	<p>Please kindly coordinate and specify an appointment for a visit to the laboratories inside the Fayoum ITEC.</p> <p><u>Answer</u></p> <p>It is coordinated and specified that all tenderers can visit the laboratories inside the Fayoum ITEC at the following two days:</p> <ul style="list-style-type: none"> • Tuesday 28/07/2015 form 9:00 a.m. to 4:00 pm. • Wednesday 29/07/2015 form 9:00 a.m. to 4:00 pm.

Q #	Question and Answers
7	<p>Concerning Origin of Goods that stated it is preferable to be Egypt or Italy, What are the certificates and documents that should be introduced by the tenderer to prove that the Origin of Goods is Egypt? Should the tenderer clarify the ratio of imported components in the Origin of Goods? As some companies assemble the Goods locally and nominate them as Egyptian Goods.</p> <p><u>Answer</u></p> <p>There are international rules for the certification of origin, please follow.</p>
8	<p>I noted the symbol of the Italian cooperation, if I'm not wrong that supposes that part of fund coming from Italy, why there are all the previous restrictions related to "probable German or Chinese existing equipment"?</p> <p><u>Answer</u></p> <p>There are no restrictions. Only different evaluation criteria.</p>
9	<p>Please inform us about the possibility of introducing our financial offers by hard currency and this to avoid hesitating in prices of currency exchange nowadays, this will enable us to introduce competitive offers (with our readiness for customs clearance and transportation of equipment to Fayoum ITEC).</p> <p><u>Answer</u></p> <p>No possibility, quotation should be in local currency.</p>
10	<p>Does EDF has any exemptions for customs or sales tax?</p> <p><u>Answer</u></p> <p>NO.</p>
11	<p>Technical evaluation did not take into account previous similar work in the Arab Republic of Egypt and that in the evaluation items of the point system. This will affect the credibility of companies and product quality and after-sales service, where it has a direct impact on the continuity and quality of the educational process.</p> <p><u>Answer</u></p> <p>Your references in other countries will be assessed and the sole discretion will be for the evaluation committee.</p>
12	<p>We recommend a visit to the technical committee by you to sites of similar supplies to make sure the product and training quality and efficiency of the equipment.</p> <p><u>Answer</u></p> <p>Thank you. We will see only your offers.</p>

Q #	Question and Answers
13	<p>Since it is required a CNC lathe and a CNC milling machines, resulting in the training of a limited number of students and we suggest to provide pilot offers educational classes connected with the machines via a network like the systems supplied in the Military Production and Productive Sufficiency entities.</p> <p><u>Answer</u></p> <p>Keep separate from the quotation required by the tender. Make it as an option or additional offer.</p>
14	<p>Should we introduce a certificate template (س٤١) for all items participated in the tender?</p> <p><u>Answer</u></p> <p>Yes, you should introduce a certificate template (س٤١) for all items participated in the tender.</p>
15	<p>Is it possible to increase the supply period more than three months, especially the items that are imported from abroad and the difficulty of currency exchange in those circumstances?</p> <p><u>Answer</u></p> <p>Contractually it is not possible.</p>