

ISPA 2005 - Construction works at the Bikarac Regional Waste Management Centre

TENDER N° ISPA/16/P/PE/003

Minutes of Site Visit and Clarification Meeting

A. Introduction

Final Beneficiary (FB) for this project is the local utility company “Gradska Čistoća d.o.o. - Šibenik”, and the Project Implementation Unit (PIU) within this organization has been established.

Contracting Authority (CA) for this project, which is undertaking the role of the Employer according to FIDIC Conditions of Contract, is the Central Finance and Contracting Agency.

Please be informed that the Minutes of Site Visit and Clarification Meeting will not necessarily reproduce the answers that were orally given to the questions raised during the clarification meeting but the answers that should have been given to those questions.

Tenderers are also advised that, due to certain deficiencies of tender documentation noticed after the Site Visit and Clarification Meeting, tender submission deadline was postponed in order to include sufficient time for modification of tender documentation by the Contracting Authority and for adaptation of Tenders to accommodate new circumstances. Modifications of tender documentation were introduced by means of Corrigenda to Tender Dossier that were published at “EuropeAid” (<https://webgate.ec.europa.eu/europeaid/online-services/index.cfm?do=publi.welcome>) and CFCA web sites (<http://www.safu.hr/en/tenders>) in December 2008.

B. Site Visit

The Site Visit commenced at 11:15 hrs on 12 September 2008 at Bikarac Regional Waste Management Centre. Participants were showed through the future building site where the existing landfill will be remediated and where future landfills (Cells) of RWMC Bikarac will be constructed. When all participants have gathered at the site, a list of participants was given in order for each person present to sign in. The representative of the CFCA welcomed all attendees and emphasized the importance of the visit, which is intended to ensure that the effort invested by both the Final Beneficiary and Tenderers lead to the successful completion of the project. He gave an outline of the plan for the site visit and stated that participants could stop at any place of interest on request from any of the participants. Participants had a chance to raise any questions they might have, but these were of technical nature mostly since the Main designer of the project was present in order to explain how the complete project was conceived. Each question asked was provided with an adequate answer but participants were also requested by the CFCA representative to repeat questions at the Clarification Meeting so that all questions can be recorded for the purpose of preparation of Minutes of the Site Visit and Clarification Meeting. Also, a requirement to ask all questions in English language was emphasized, since English is the language of the tendering and contract implementation procedures and it is aimed to assure equal treatment for representatives of

any company established in eligible countries. The importance of strictly following the laid out rules of the procedure and the future contract was further highlighted. The list of all the participants on the Site Visit was completed and the Site Visit concluded on 12:45 hrs.

C. Clarification Meeting

The Clarification Meeting commenced at 14:15 hrs in a meeting room at City Library “Juraj Šižgorić” in Šibenik. The CFCA representative welcomed the attendees and briefly introduced himself to all participants pointing out the main aspects of being the project manager for this project. He advised that the meeting would be conducted in English as that is the language of the procedure. He informed the participants that Minutes of the Site Visit and Clarification Meeting will be published on “EuropeAid” (<http://ec.europa.eu/europeaid/cgi/frame12.pl>) and CFCA web sites (<http://www.safu.hr/en/tenders>) as advised in the Procurement Notice and **has asked for the delivery of all questions in writing to avoid misinterpretation or omission of questions during the preparation of Minutes.** Also, every additional question that participants and other interested parties might have can be submitted to the CFCA in written form in English language until 21 days before tender submission deadline at the following fax number +385 1 4591 075 and in electronic version to the following e-mail address cfcu@mfin.hr.

It was pointed out to the meeting that all requirements for participation in the Tender are given in the Tender Dossier emphasizing the importance of the Instructions to Tenderers given in Volume 1, Section 1 of the Tender Dossier since majority of disqualifications derive from inaccurate adherence to requirements stipulated in these provisions. Potential Tenderers should note that all requirements will be strictly interpreted and where it reads “shall” or “will” in the document that means “must”.

The importance of Evaluation Grids, which can be found in Volume 2 of the Tender Dossier, was emphasised because all of the offers will be evaluated on the basis of these Grids. Tenderers should not fill in the Evaluation Grids by themselves because they will be used by the Evaluation Committee during the evaluation only, however they should be used as a tool for controlling the quality of the offer. There is 61 question that constitute criteria which will have to be complied with and which the Evaluation Committee would be carefully checking to ensure that the companies that were accepted for detailed analysis were in compliance with the requirements. It was emphasised that only one negative answer to these questions may result with rejection of the offer. This also refers to the adherence to templates enclosed in Volume 1, Section 4 of the Tender Dossier. Representative of the CFCA pointed out that Tenders must be received by the date and time quoted in the Procurement Notice i.e. 12:00 hrs local time on 10th November 2008 (Deadline for submission of Tenders was postponed by means of Corrigendum number 1 to Procurement Notice and Tender Dossier that was published on 31 October 2008. New deadline for submission of Tenders is 12:00 hrs local time on 16th February 2009). Participants were also instructed to see other “Questions and answers” that were raised for other ISPA projects and published at “EuropeAid” and CFCA websites since some questions can also be applicable for this project.

It should be noted that the contract will be signed by representative of the CFCU as the Contracting Authority and the Contractor itself. It will also be endorsed by the Delegation of the European Commission.

The list of participants of the Site Visit and Clarification meeting is enclosed to this document.

D. Discussion

Q1: What is included in this contract? Only reshaping of the existing waste and Cell 1 construction or are there other works?

A1: At the meeting it was pointed out that according to Volume III of Tender Dossier (page 128) the scope of the works includes:

- Site clearance of areas for landfill (Cell 1, Cell 2 and Cell 3),
- Construction of leachate treatment plant, gas facility and internal road,
- Fencing of landfill and leachate treatment plant and gas facility areas,
- Construction of building for baling machine – roofing,
- Preparation of earthworks (Sub-base for sanitary landfill for Cell 1 and Cell 2; Sub-base of leachate treatment plant, gas facility and internal road),
- Construction of perimeter ditch for rain water,
- Construction of perimeter embankment of Cell 1 and Cell 2,
- Construction of sanitary landfill liner and drainage system for Cell 1,
- Construction of leachate collection shafts for Cell 1,
- Construction of leachate pipeline from the leachate shafts to buffer pond and to Leachate treatment plant,
- Construction of buffer pond,
- Reshaping of existing waste,
- Covering and lining of existing waste top of the landfill including temporary cell,
- Degassing of existing waste including gas wells and piping to gas facility,
- Planting,
- Utilities (Power supply to leachate treatment plant; Water supply to leachate treatment plant),
- Preparation of Main Design for obtaining the Building Permit,
- Preparation of Implementation design,
- Preparation of As-built drawings,

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: 2.2 Overview of Works in Contract on pages 5 and 6 of Corrigendum No. 2)

Q2: What about roads and lightning?

A2: At the meeting it was pointed out that this item covers payment for modification and necessary construction works (shaping, compaction and construction of road structure) for the upgrading and maintenance of the existing internal road from the entrance area to the Leachate treatment plant (around the disposal units 1&2).

Lightning should only be foreseen for the Leachate treatment plant.

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: 2.2 Overview of Works in Contract on page 6 of Corrigendum No. 2 and Drawing No. 13.4 Layout of Cells Stage 2 within Corrigendum No. 2)

Q3: What about the selection criteria no. 6? What about old landfills, will they be taken into consideration in relation to the before mentioned selection criteria?

A3: No, construction of old landfills will not be taken into consideration in relation to the Selection criterion number 6. In point 16 (Selection criteria) of the Procurement Notice it is clearly defined that “*Tenderer’s Designers must have completed at least 2 projects comprising the design of new landfill in capacity of 500,000 m³ over the last 8 years...*” and therefore, according to this criterion, only previous experience with design of new landfills in required capacity and within defined timeframe will be taken into consideration during the evaluation of the offers.

Q4: What about the drawing number 13.9? For cover layer, required re-cultivation is 80cm. European standard is now 100cm at minimum which is the new standard in Croatia too.

A4: At the time of preparation of Tender Dossier, standard for re-cultivation of cover layer was 80 cm according to Croatian Legislation. However, in the meanwhile the Legislation has been changed and Tender Dossier will be therefore modified.

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: Drawing No. 13.9 *Bottom & Cover Layers* within Corrigendum No. 2).

Q5: What about the drainage layer and cover layer? Croatian standard is now 30 cm and not 50 cm.

A5: According to Croatian legislation minimal thickness of drainage layer is 50cm. Please see Ordinance on Terms and Conditions of Waste Disposal, Waste Landfill Categories and Operating Terms (OG 117/07).

Q6: You have to check in this works contract the selection criterion number 6. Why do we need to have construction of new landfill (new cells) and capping of old landfills at the same time? That is, why do we need 2 new landfills and 2 capping works?

A6: Criterion number 6 stipulated under point 16 (Selection criteria) of the Procurement Notice is related to the **design** of new landfill only.

Criterion number 5 is related to construction of new landfills and closure of old landfills. In addition, it should be pointed out that criterion number 5 defines relevant previous experience of the Tenderer with construction of new landfills and remediation and closure of old landfills with the purpose to assure satisfactory professional experience of the reputable Contractor during the works contract implementation. Therefore, at least 2 projects comprising the construction of new landfills and 2 projects comprising the remediation and closure of old landfills are required.

Q7: Are the anticipated works related to construction of cells number 2 and 3 only excavation works?

A7: At the meeting it was pointed out that works which are foreseen for the Cell 3 are only site clearing and for the Cell 2 site clearing and sub-base preparation (only earth works).

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: 2.2 *Overview of Works in Contract* on pages 5, 6 and 7 of Corrigendum No. 2).

Q8: Where can we find all the available documentation related to this project? During the Site Visit you have mentioned “Gradska Čistoća d.o.o. – Šibenik”?

A8: We consider that all information relevant for the preparation of the offer is included in Tender Dossier.

However, due to the principle of transparency of the procedure, we have secured that all documentation is also available to Tenderers at the offices of the Final Beneficiary (contact details are stipulated on page 218 in Section 3; Volume V of Tender Dossier).

We must emphasize that the Contracting Authority will secure a room with necessary furniture for inspection of requested documentation. Copying of these documents can be allowed by the Final Beneficiary, since this institution is owner of background documentation, but in any case all necessary information can be written down by person inspecting the documents.

Documentation that is available at the Final Beneficiary is as follows:

No.	Title of the document	Language
1.	Water research works necessary for rehabilitation of the Bikarac landfill & monitoring of waters within the area influenced by the landfill, „GEOECO-ING“ d.o.o., December 2004	Croatian

2.	Study for environmental impact assessment of the landfill rehabilitation, construction and functioning of the Regional Waste Management Centre Bikarac, „Faculty of Engineering and Shipbuilding, September 2005	Croatian
3.	Rehabilitation of the Bikarac landfill – construction of temporary landfill area and rehabilitation of the fire area, “Hudec plan“ d.o.o., March 2008	Croatian

Also, please bear in mind that any clarification must not be requested from the Final Beneficiary directly since any answer provided can not be considered as officially relevant. All clarifications must be sent in English language and in written form to the Central Finance and Contracting Agency only (Fax: +385 1 4591 075; E-mail: cfcu@mfin.hr), at latest 21 days before tender submission deadline and will be answered by the Contracting Authority at least 11 days before tender submission deadline. All answers will be published on “EuropeAid” and CFCA websites and only clarifications provided in this way can be considered as relevant and obligatory for the Contracting Authority and the Tenderer.

Q9: What about the Construction Permit? How much time it takes in order to get it?

A9: Timeline for obtaining the Construction Permit is 60 days following submission of the application with all necessary supporting documentation attached, as defined in national Physical Planning and Construction Act (Official Gazette number 76/07). However, this process also depends on the quality of documentation submitted for this purpose. Therefore, when preparing the Work plan to be included in the offer, Tenderer must take into account abovementioned circumstances and give a realistic estimation of the period necessary for obtaining the Construction Permit which will be considered during the evaluation process.

Q10: We are the Contractors according to this contract and according to the Croatian Law we can not get the Construction permit? What is the procedure for obtaining the Construction Permit in this case?

A10: The Construction Permit will be issued in the name and in the account of the Final Beneficiary. Therefore, the Final Beneficiary will submit documentation necessary for obtaining the Construction permit to the relevant national authority but the Contractor must prepare and provide all required documentation to the Final Beneficiary.

However, according to the national legislation, Final Beneficiary can authorize the Contractor to physically submit all documentation necessary for obtaining the Construction Permit in the name of the Final Beneficiary, which is an issue that can be agreed between two mentioned parties.

Q11: What about the land owner of the site? Has all been done in order to get the Construction permit?

A11: At the meeting it was pointed out that the land on which the Regional Waste Management Centre will be situated is the property of the Final Beneficiary but that few cadastral plots are still owned by private entities and the process of purchasing these plots is underway.

However, please be notified that as of December 2008 the Final Beneficiary is the owner of the land on which the Regional Waste Management Centre will be situated including cadastral plots that were still owned by private entities at the time of Site Visit and Clarification Meeting.

Q12: This could be a very big problem!

A12: At the meeting it was pointed out that since this project has an active support from the Line Ministry (Ministry of Environmental Protection, Physical Planning and Construction), the County of Šibenik – Knin and the City of Šibenik it can be anticipated with high certainty that this issue will be resolved by the end of December 2008.

Please be informed that as of December 2008 the Final Beneficiary is the owner of the land on which the Regional Waste Management Centre will be situated including cadastral plots that were still owned by private entities at the time of Site Visit and Clarification Meeting and that there are no unresolved issues related to land ownership.

Q13: All the papers in Tender are in PDF format. Is there any possibility to get it in “Auto CAD” format so we can use it on our computers?

A13: Drawings that are enclosed to Tender Dossier were prepared for the purpose of obtaining the Location Permit and are sufficient for preparation of the offer. All other necessary technical information is contained in Volume III of the Tender Dossier. However, since the last geodetic drawing (topographic survey) of the landfill was done on 17 October 2008 and since according to this document Tenderers may assess the quantities related to the works to be performed more realistically, we are attaching abovementioned geodetic drawing as Annex 2 to these Minutes (also in electronic form in “AutoCad” and PDF formats).

It should be also emphasized that only difference between the geodetic drawing attached to Tender Dossier and the current situation “on-the-site” is related to quantity of yearly disposed waste. According to data provided by Municipal Company “Gradska čistoća d.o.o. - Šibenik“, the amount of yearly disposed waste is 70,000 tons.

Q14: Can we get a permit for survey the landfill ourselves?

A14: If particular Tenderer desires to conduct surveys before submitting an offer, he/she can contact the Contracting Authority representatives in order to obtain their permission. These surveys, conducted by the Tenderer, are to be made at the cost of the Tenderer and can not be imputed to the Contracting Authority and also can not be considered as a reason for postponement of the tender submission deadline.

Q15: Data from topographic survey is not updated?

A15: Since the last geodetic drawing (topographic survey) of the landfill was done on 17 October 2008 and since according to this document Tenderers may assess the quantities related to the works to be performed more realistically, we are attaching abovementioned geodetic drawing as Annex 2 to these Minutes (also in electronic form in “AutoCad” and PDF formats).

Q16: As we understand, the gas flare is not a part of this Tender Dossier. What must be done within the scope of the works regarding the installation of the gas flare?

A16: At the meeting it was pointed out that according to Volume III (Employers Requirements) of Tender Dossier, Tenderer is required to install all gas wells and all piping connections to the gas flare. In other words, the Contractor is responsible for testing of all pipes and installations for the gas flare. However, the installation and operation of the gas flare and the pumping station is subject to a separate contract.

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: 2.2 Overview of Works in Contract on pages 6, 7 and 8 of Corrigendum No. 2).

Q17: Can you give us the exact position of the gas flare?

A17: The position of the gas flare is given in Volume V (Drawings) of Tender Dossier in drawing number 13.3.

Q18: Is degassing related only to old landfill and not the new landfill?

A18: Infrastructure for degassing is related to both old and new landfill. As shown on drawing number 13.10 (Details of degassing) in Volume V of Tender Dossier, permanent degassing probe must be constructed on the old landfill and on the new landfill a temporary gas drainage must be constructed.

Q19: Does the Leachate Treatment Plant have to be proposed by the Tenderer or the specifications are given in Tender Dossier?

A19: Tender Dossier prescribes general specifications for Leachate Treatment Plant and it envisages that the Contractor shall design, construct and commission a biological Leachate Treatment Plant capable of treating leachate with typical concentration of raw leachate components mentioned in Table 34.1., section 25.2.1., page 181 and loads stated in Table 10, section 26.2., page 195 of Tender Dossier, capable of meeting the effluent quality according to Ordinance on boundary values of dangerous and other substances in waste waters (OG 94/08). Tender documentation strictly defines that this must be achieved via biological treatment and possibly by final chemical treatment for removal of heavy metals and phosphorus with final discharge at the inlet. Therefore, technology of biological treatment is obligatory for Tenderers but detailed specifications of Leachate Treatment Plant are to be developed by Tenderers.

Q20: What type of sewage water is there and is that given in the Location Permit?

A20: Referent criteria for sewage water to be discharged into Public sewage system are given on page 195 in Table 9 (Effluent Criteria for Discharge to the public sewage system) in Volume III (Employers Requirements) of Tender Dossier.

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: 26.2 *Scope and Specifications* and Table 9 *Effluent Criteria for Discharge to the public sewage system* on pages 9, 10, 11 and 12 of Corrigendum No. 2).

Q21: It was mentioned that Waste Water Treatment Plant (Leachate Treatment Plant) must be done for the whole landfill, is that true?

A21: According to Sub-clause 26.1 – *Background* of Volume III (*Technical specifications*) of Tender Dossier, The Leachate Treatment Plant will be used to pre-treat the raw leachate from landfill disposal units 1 and 2 (in later stage unit 3 too) before it can be sent to the public sewage system.

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: 26.1 *Background* on page 9 of Corrigendum No. 2).

Q22: What is our obligation regarding the discharge of outflow from the Waste Water Treatment Plant (WWTP)?

A22: Since no sewerage system is constructed near the Regional Waste Management Centre “Bikarac”, outflow must be removed from the site by trucks. It should be further emphasized that only temporary storage of treated leachate (wastewater) at the site is allowed. This means that within the scope of this contract a buffer pond of appropriate volume for temporary “storage” of outflow from the WWTP must be constructed. The buffer pond must be of sufficient capacity/volume in order to allow transport of the outflow by trucks once every seven calendar days. Therefore, part of Tenderers offer must be description of technical characteristics of the abovementioned buffer pond and the system for transport of the outflow that will be defined in a manual to be prepared by the Contractor and handed over to the Final Beneficiary.

Q23: What about overflowing, who is taking the risk?

A23: The risk of overflowing the buffer pond is on the Employer while the Contractor is required to construct the Waste Water Treatment Plant and a buffer pond for temporary “storage” of the outflow from the WWTP.

Operation of the WWTP and transport of the outflow by trucks is the responsibility of the Employer who will delegate these tasks to the Final Beneficiary. The Contractor must provide instructions on how to operate the system of wastewater treatment to Employer’s representatives by means of trainings to be provided following the construction of the abovementioned infrastructure and handover of appropriate manuals of operation.

Q24: What is the volume of the reservoir (buffer pond)?

A24: In Volume III of Tender Dossier it is required that maximally 2,5 hectares (25,000 m²) of waste is uncovered at all times. All other parts of landfill should be covered with lining and therefore no generation of new leachate could be realized. The buffer pond must be designed with appropriate volume in regard to the abovementioned requirement of the volume of uncovered waste which will be generating leachate to be treated in the WWTP.

Q25: What about the fires on the existing landfill?

A25: During the time of preparation of Technical Specifications for this Tender Dossier there were no open flame fires on the landfill. Also, there are no open flame fires on the landfill at the moment. However, since the site is a risky area regarding the fires (the last big fire was near the site one year ago) it should be anticipated that there is a high probability of fires sited deep inside the landfill. Therefore, prior to proceeding with the process of closing/covering the old landfill, the Contractor should assess the existing landfill, find places where fires sited deep inside the landfill are and do what is required in Volume III of Tender Dossier (Section 1; point 2.1 Background; chapter on Fire Suppression Cell on page 127) in order to extinguish mentioned deep sited fires if they are found on the old landfill.

Q26: So at the end off all works, e.g. after the completion of cell 1, we can access the old landfill?

A26: No, there are works on the existing landfill that should be implemented before and during the completion of cell number 1. For example, extinguishing of fires sited deep inside the old landfill, shaping of the landfill in order to achieve the stability and closure of the old landfill. The slopes of the old landfill should be reshaped and covered and on top of slopes of reshaped existing waste a cover/bottom layer should be installed (please see drawings number 13.7 and 13.9 in Volume V of the Tender Dossier). The cover layer is designed in such a way that this area can receive more waste and therefore the cell number 1 must not be treated as the only new place where incoming waste can be deposited. However, it must be pointed out that installation of cover layers can not be implemented before the Construction Permit is obtained.

Also, additional important issue to be emphasized is that the process of depositing the incoming waste must not be affected by the works since the waste must be deposited without interruptions for the entire period of construction. In this respect, the Contractor must make detailed arrangements with the Final Beneficiary who is in charge of operating and disposing waste at the landfill.

All of the abovementioned issues should be taken into consideration by the Tenderer when preparing the Workplan and Programme (Form 4.6.3 of Volume I of the Tender Dossier).

Q27: Is there any facility of degassing on the landfill at the moment?

A27: No, there is no degassing facility on the site at the moment.

Q28: When can we expect the gas flare to be used?

A28: The gas flare must become operational only after the old landfill is covered and not before.

Q29: Is the tender for installation of the gas flare also a public tender?

A29: During the Site Visit and Clarification meeting it was stated that there will be a separate public tender procedure for supply and installation of the gas flare, but afterwards it was decided to include both supply and installation of the gas flare under scope of the works of this Works Contract.

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: 2.2 Overview of Works in Contract and 24.2.9 Gas Piping on pages 6, 7 and 8 of Corrigendum No. 2)

Q30: Is Tender Dossier for supply and installation of the gas flare prepared?

A30: During the Site Visit and Clarification meeting it was stated that tender documentation with technical specifications related to the gas flare is prepared but tender procedure has not been launched yet. However, it was decided later on to include both supply and installation of the gas flare under scope of the works for this Works Contract

The part of Tender Dossier to which this answer refers was modified by Corrigendum No. 2 published on 30 December 2008 (Reference: 2.2 Overview of Works in Contract and 24.2.9 Gas Piping on pages 6, 7 and 8 of Corrigendum No. 2)

Q31: Is the landfill operated by the Final Beneficiary or some other private company?

A31: The entire Regional Waste Management Center “Bikarac”, which is referred to as the “site” in tender documentation for works Contract, is operated by the Final Beneficiary (“Gradska čistoća” d.o.o. – Šibenik).

Q32: So this is a municipal company?

A32: Yes, “Gradska čistoća” d.o.o. – Šibenik is a public utility company owned by the city of Šibenik and authorized to operate the Regional Waste Management Center “Bikarac”.

Q33: Which kind of design documents do we have to prepare according to the Tender Dossier?

A33: After the contract is signed, the Contractor is required to prepare the Main Design for works defined in Volume III of the Tender Dossier on the basis of which the Construction Permit will be obtained in the name of the Final Beneficiary.

Also, the Contractor will be required to prepare all documentation for obtaining the updated Location Permit if it becomes necessary, although this is not currently anticipated by the Employer. In addition, before and during the implementation of the works, the Contractor will be obliged to prepare Implementation/Detailed design, on basis of which the Engineer will be able to supervise the construction, and also As-built drawings following completion of the works. Furthermore, the Contractor will be obliged to prepare all documentation necessary for obtaining the Operation Permit.

Q34: Which kind of tender documents do we have to prepare according to the Tender Dossier?

A34: Tender documents to be submitted by Tenderers are defined in the Instructions to Tenderers in Section 1, Volume 1 of Tender Dossier and Questionnaire Forms in Section 4, Volume 1 of Tender Dossier. Tenderers are required to propose technical solutions that will fulfill specifications defined by the Employer in Volume III of the Tender Dossier and must not provide variations of solutions and parameters that are defined by the Employer. In their offers, Tenderers will provide narrative descriptions (technical specifications) of technical solutions for the works that must be in line with specifications defined by the Employer. Tenderers are not required to submit detailed designs with their offers but if certain conceptual design for technical solution proposed would be enclosed to the offers this will be considered as additional information that provides more detailed information in regard to narrative description of the works.

Q35: If we are obligated to give the design and in Tender Dossier Employer’s design is enclosed what must the Tenderer do, new design or...?

A35: Tenderers are not obligated to make designs in the phase of submitting their offers although they can provide conceptual designs for technological solutions they will propose in order to substantiate narrative part of their Tender. Please see also answers number 33 and 34.

Q36: This is a Yellow FIDIC Book Contract and according to that we must prepare the design and implement construction activities. Since Tender Dossier has some parts of design, what is the Contractor obliged to prepare regarding the design?

A36: As explained in answers number 33 and 34, the successful Tenderer will be obliged to prepare the Main design for the works after contract signature for the purpose of obtaining the Construction Permit. Drawings given in Volume V of Tender Dossier are Preliminary designs on basis of which the Location Permit was obtained. The Main design must fulfill conditions given in Location permit.

Q37: So variant solutions are prohibited?

A37: Yes, according to point 19 (*Variant solutions*) of the Instructions to Tenderers (Volume I of Tender Dossier) variant solutions in regard to specifications defined in Volume III of Tender Dossier will not be taken into consideration.

Q38: So variant solutions for waste water treatment technology are prohibited?

A38: Yes, according to point 19 (*Variant solutions*) of the Instructions to Tenderers, variant solutions in addition to definition of works as stipulated in Employers Requirements will not be taken in consideration. The Employer has stipulated the basic technical parameters that WWTP must fulfill and variations of those definitions given under sub-title 26 (*Leachate Treatment Plant*) in Volume III of Tender Dossier are not allowed.

However, although technology of biological treatment is obligatory for Tenderers since tender documentation strictly defines that WWTP must utilise biological treatment of waste water and possibly even final chemical treatment, detailed specifications of Leachate Treatment Plant are to be developed by Tenderers.

Q39: Design of landfill is also Tenderers design?

A39: Yes, design of the landfill is Tenderers design.

Q40: Is it possible to re-pump the leachate water on the landfill?

A40: No, leachate treatment plant discharge is not allowed on top of the landfill. However, the possibility of re-pumping the leachate water on top of the landfill must be envisaged and relevant works implemented by the Contractor since this is only solution to be used if unforeseen circumstances occur (e.g. non-functioning of the Leachate Treatment Plant).

Q41: On page 206 in table 3 (*Construction of the new dumping area*) under point 3.6 (*Other accompanying structures and devices*) an amount of EUR 0.3 Mil. is stipulated for treatment of leachate. Could you please explain?

A41: Please ignore the stipulated amount. It was inserted by a mistake and will be corrected.

The part of Tender Dossier to which this answer refers was modified by Corrigendum No 2 published on 30 December 2008 (Reference: Table No. 3 *Construction of the new dumping area* on page 13 of Corrigendum No. 2)

Q42: If we have Joint Venture/Consortium, is it important that each partner has purchased the tender?

A42: It is not required that each Partner in a Joint Venture/Consortium must purchase Tender Dossier.

Q43: What about the fire roads around the landfill?

A43: It was stated during the Site Visit and Clarification Meeting that the Contractor is required only to construct the internal road as described under sub-title 23.4.4 on page 165 of Volume III (Employers Requirements) of Tender Dossier. Construction of fire road around the landfill will be the part of a separate tender.

The part of Tender Dossier to which this answer refers was modified by Corrigendum No 2 published on 30 December 2008 (Reference: 2.2 Overview of Works in Contract on page 6 of Corrigendum No.2 and Drawing No.13.4 Layout of Cells Stage 2 of Corrigendum No.2)

Q44: Cross section of landfill on drawing number 13.7; what is pointed out is the drainage channel around the landfill?

A44: Yes, the open channel for rain water (perimeter ditch for rain water) is pointed out and it is predicted to be constructed around the entire landfill.

E. Conclusion

When there were no more questions to be answered at the meeting, the CFCU representative instructed Tenderers to send all questions raised at the meeting as well as any further request for explanation by fax or e-mail.

The questions may be sent by e-mail to: cfcu@mfin.hr or by fax to: +385 1 4591 075.

The Clarification meeting was closed at 16:40 hrs (local time).

Annex 1: List of participants to the Site Visit and Clarification Meeting

LIST OF PARTICIPANTS - SITE VISIT & CLARIFICATION MEETING (12 September 2008)

ISPA: Construction works at Regional Waste Management Centre Balikpapan

No	Company	Participant	Address	Tel	Fax	E-mail	Signature	Date
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ISPA: Construction works at Regional Waste Management Centre Bikanac

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18	— —	NE BARIŠIĆ	S. PAVIĆA 100	— —	022 310-982			— —
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25								
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Annex 2: Geodetic drawing