

VOLUME IV

BREAKDOWN OF THE OVERAL PRICE

Note:

Tenderers may submit only one tender. Tenders for parts of a tender will not be considered. Any tenderer may state in its tender that it would offer a discount.

Tenderers may NOT submit a variant solution on those parts of Tender Dossier that are stipulated as mandatory.

However, the Contracting Authority would like to draw your attention to the fact that the Croatian legislation imposes to the Contracting Authority the obligation to include the location permit in the tender documentation for works projects. This location permit is attached in Book B of this tender dossier. It was issued on the basis of a technology chosen by the Contracting Authority. **However, this choice of technology was only made for the purpose of the issuance of the location permit and should in no case be considered as mandatory for the tenderers.**

Therefore, different solutions on parts of Tender Dossier that are indicated as "for information only" may be proposed. Those different solutions will be considered as technical solution to upgrade a technology of Waste Water Treatment Plant and each of them will be treated as the main offer from each tenderer. All different solutions compliant with technically requested outputs shall be considered, but the most economically advantageous solution as defined by I.T.T. article 29.2 will be selected as proposed winner.

In case the selected winning bid would be based on a different technology than the one for which the location permit was issued, the Contracting Authority commits itself to obtain, after the contract signature and as stated by sub-clause 1.13 of the FIDIC Yellow book general conditions of contract, the necessary modification of the location permit on the basis of documentation prepared by the Contractor.

The evaluation grids contain the list of criteria on which the offers will be technically evaluated (criterion No 30 to criterion No 102 in Technical Evaluation Subgrids; Table 2, Table 3 and Table 4 on pages 77 - 83). No other criterion will be taken into consideration. The use of the technology as mentioned in the location permit will not procure any advantage to the tenderer, and the choice of another technology will not be penalized.

Obligatory parts of VOLUME IV of the tender dossier are marked bold and underlined, while the other parts of this section are for information only.

BREAKDOWN OF THE OVERALL PRICE

1. Preamble

1.1. GENERAL

Payment of all items of the Works will be made on a fixed lump sum basis in accordance with Clause 14 of the Conditions of Contract. The item descriptions given in the Price Schedules shall not be taken as limiting the Contractor's obligations under the Contract to provide the Works, which are fully, described elsewhere.

All Items shall be priced in euro.

The Tenderers shall quote all items of the Price Schedules (Breakdown of the overall price) exclusive of VAT, customs and import duties and other taxes.

VAT, customs and import duties and other taxes will be paid in the amount due in accordance with provisions of the relevant Croatian legislation on the rates of VAT, customs and import duties and other taxes, and in accordance with the international agreements concerning the execution of the ISPA Programme.

Notwithstanding any limits which may be implied by the wording of the individual items and/or the explanations in this Preamble, it is to be clearly understood by the Contractor that the amounts which he enters in the Price Schedules are to be for the work finished complete in every respect. He will be deemed to have taken full account of all requirements and obligations, whether expressed or implied, covered by all parts of this Contract and to have priced the items herein accordingly.

The amounts must therefore include for all incidental and contingent expenses and risks of every kind necessary to design, construct, complete and maintain the whole of the Works in accordance with the Contract. Unless separate items are provided in the Price Schedules, full allowance is to be made in the rates and amounts against the various items in the Price Schedules for all costs involved.

The amounts or rates entered by the Contractor against all items in the Price Schedules must bear a proper relationship to the cost of carrying out the work described in the Contract. All on-costs, profits, overheads and similar charges (unless separately itemised) which are applicable to the Contract as a whole are to be spread over all amounts in the Price Schedules whilst those which apply to particular sections of the Contract are to be spread only over the items to which those sections refer.

Amounts or rates in euro are to be inserted, in ink, against each item in the Price Schedules. Should the Tenderer omit to price an item then it will be assumed that he has included the price of the item elsewhere in his rates or amounts. No alteration shall be made to the Price Schedules and no extra item shall be inserted.

The amounts or rates entered in these Price Schedules will be used for calculation stage payments due, interim instalments due, and for valuing variations.

1.2. PAYMENTS

(a) Monthly payment

Payments will be defined by reference to the actual, expressed in percentage, progress achieved in executing the Works. Payments will be made in accordance with the Contract.

(b) Retention

Retention will be withheld in accordance with the provisions of the Contract.

Project title: Construction of Waste Water Treatment Plant Town of Karlovac, Karlovacka County, Croatia

Project No. 2005/HR/16/P/PE/001

PROCUREMENT NOTICE NO: _____

GRAND SUMMARY OF PRICE SCHEDULES

Price Schedule No.	Title	Amount in euro (without Tax and other duties)
1	Preliminary Items	
2	Survey, Designing, Tests	
3	Mechanical works	
4	Civil Engineering and Installation Works	
5	Electrical works	
6	Control – Measurement Apparatus And Automatics (CMAA) Works	
Provisional sum contingencies (10%)		
CONSTRUCTION COST to be carried to the Tender Form		

The above mentioned **Construction Cost** will constitute the **Accepted Contract Amount**.

Signature:

in the capacity of:.....

duly authorised to sign the Tender for and on behalf of:

.....

.....

Date:

Project title: Construction of Waste Water Treatment Plant Town of Karlovac, Karlovacka County, Croatia

Project No. 2005/HR/16/P/PE/001

PROCUREMENT NOTICE NO: _____

Price Schedule No. 1
PRELIMINARY ITEMS

Pos.	Reference to Employer's Requirements	Description	Unit	Amount in euro	Tax and other duties
1.1	Vol. III, Sec. 1, Part 1.2, Art. 7.2.	<u>Site establishment and running costs</u>	Lump sum		
1.2	Form 4.6.9. Vol. III; Sec. 2 & EU visibility guidelines	<u>Information boards</u>	Provisional Sum		
Price Schedule No. 1			TOTAL		
To be carried to GRAND SUMMARY OF PRICE SCHEDULES					

Initials of a person or persons authorised to sign on behalf of the Tenderer:

Project title: Construction of Waste Water Treatment Plant Town of Karlovac, Karlovacka County, Croatia

Project No. 2005/HR/16/P/PE/001

PROCUREMENT NOTICE NO: _____

Price Schedule No. 2
SURVEY, DESIGNING, TESTS

Pos.	Reference to Employer's Requirements	Description	Unit	Amount in euro	Tax and other duties
2.1	Vol. III, Sec. 1, Part 1.1. Art 5.	<u>Terrain survey</u>	Lump sum		
2.2	Vol. III, Sec. 1, Part 1.1. Art 5.	<u>Design documentation and investigation works (Final Design, Execution design, as-build documentation) and permissions (Building permit water law permit)</u>	Lump sum		
2.3	Vol. III, Sec. 1, Part 1.2.	<u>Tests on Completion</u>	Lump sum		
2.4	Form 4.6.9. Vol. III; Sec. 1, Part 1.1, Art. 1.3	<u>Training</u>	Lump sum		
2.5	Vol. III, Sec. 1, Part 1.1. Art 6.	<u>Operation and maintenance instructions - Manual</u>	Lump sum		
Price Schedule No. 2			TOTAL:		
To be carried to GRAND SUMMARY OF PRICE SCHEDULES					

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Project No. 2005/HR/16/P/PE/001

PROCUREMENT NOTICE NO: _____

Price Schedule No. 3

MECHANICAL WORKS

Position	Reference to Employer's Requirements	Description	Unit	Amount in euro	Tax and other duties
3.1.	Vol. III, Part. 3.2, Art. 3.2.1.	<u>Storm water pumping station</u>	Total		
3.2.	Vol. III, Part. 3.2, Art. 3.2.2.	<u>Facility for the grates, inlet pumps and sieves</u>	Total		
3.3.	Vol. III, Part. 3.2, Art. 3.2.3.	<u>Sand/grease traps</u>	Total		
3.4.	Vol. III, Part. 3.2, Art. 3.2.5.	<u>Anaerobic tanks</u>	Total		
3.5	Vol. III, Part. 3.2, Art. 3.2.4.	<u>Primary sedimentation tank(s)</u>	Total		
3.6.	Vol. III, Part. 3.2, Art. 3.2.6.	<u>Bio-aeration tanks</u>	Total		
3.7.	Vol. III, Part. 3.2, Art. 3.2.8.	<u>Secondary sedimentation tanks</u>	Total		
3.8.	Vol. III, Part. 3.2, Art. 3.2.9.	<u>Blower station</u>	Total		
3.9.	Vol. III, Part. 3.2, Art. 3.2.10.	<u>Pumping station for sludge recirculation and evacuation</u>	Total		
3.10.	Vol. III, Part. 3.2, Art. 3.2.11. & 3.2.12.	<u>Sludge thickeners and anaerobic digestion</u>	Total		
3.11.	Vol. III, Part. 3.2, Art. 3.2.13.	<u>Mechanical sludge dehydration</u>	Total		
3.12.	Vol. III, Part. 3.2, Art. 3.2.14.	<u>Flow meter and samplers</u>	Total		
3.13.	Vol. III, Part. 3.2, Art. 3.2.15.	<u>Outlet pumping station</u>	Total		

3.14.	Vol. III, Part. 3.2, Art. 3.2.16.	<u>Ventilation, heating and air biofiltration</u>	Total		
3.15.	Vol. III, Part. 3.2, Art. 3.2.17.	<u>Station for contents of septic tanks</u>	Total		
3.16.	Vol. III, Part. 3.2, Art. 3.2.18.	<u>Retention tank equipment</u>	Total		
3.17.	Vol. III, Part. 3.2, Art. 3.2.19.	<u>Equipment at the location of the plant</u>	Total		
3.18.	Vol. III, Part. 3.2, Art. 3.2.20.	<u>Spare parts</u>	Total		
Price Schedule No. 3			TOTAL:		
To be carried to GRAND SUMMARY OF PRICE SCHEDULES					

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Price Schedule No. 4

CIVIL ENGINEERING AND INSTALLATION WORKS

Position	Reference to Employer's Requirements	Description	Unit	Amount in euro	Tax and other duties
4.1.	Vol. III, Sec. 3, Part 3.1 Art 3.1.1.	<u>Retention tank</u>	Total		
4.2.	Vol. III, Sec. 3, Part 3.1 Art 3.1.2.	<u>Facility for grates, inlet pumps and sieves</u>	Total		
4.3.	Vol. III, Sec. 3, Part 3.1 Art 3.1.3.	<u>Sand/grease traps</u>	Total		
4.4.	Vol. III, Sec. 3, Part 3.1 Art 3.1.4	<u>Primary sedimentation tank(s)</u>	Total		
4.5.	Vol. III, Sec. 3, Part 3.1 Art 3.1.5.	<u>Anaerobic tanks</u>	Total		
4.6.	Vol. III, Sec. 3, Part 3.1 Art 3.1.6.	<u>Bioaeration tanks</u>	Total		
4.7.	Vol. III, Sec. 3, Part 3.1 Art 3.1.8.	<u>Secondary sedimentation tanks</u>	Total		
4.8.	Vol. III, Sec. 3, Part 3.1 Art 3.1.9.	<u>Measurement canal and outgoing sampler</u>	Total		
4.9.	Vol. III, Sec. 3, Part 3.1 Art 3.1.10.	<u>Outlet pumping station</u>	Total		
4.10.	Vol. III, Sec. 3, Part 3.1 Art 3.1.11.	<u>Blower station</u>	Total		
4.11.	Vol. III, Sec. 3, Part 3.1 Art 3.1.12.	<u>Pumping station for recirculation and excess sludge</u>	Total		
4.12.	Vol. III, Sec. 3, Part 3.1 Art 3.1.13.& 14.	<u>Sludge thickeners and anaerobic digestion</u>	Total		
4.13.	Vol. III, Sec. 3, Part 3.1 Art 3.1.15.	<u>Mechanical sludge dehydration</u>	Total		

4.14.	Vol. III, Sec. 3, Part 3.1 Art 3.1.16.	<u>Sludge dump site</u>	Total		
4.15.	Vol. III, Sec. 3, Part 3.1 Art 3.1.17.	<u>Pumping station for excess rainwater</u>	Total		
4.16.	Vol. III, Sec. 3, Part 3.1 Art 3.1.18.	<u>Station for reception of contents of septic tanks</u>	Total		
4.17.	Vol. III, Sec. 3, Part 3.1 Art 3.1.19.	<u>Administration building</u>	Total		
4.18.	Vol. III, Sec. 3, Part 3.1 Art 3.1.20.	<u>Power generator and transformer station</u>	Total		
4.19.	Vol. III, Sec. 3, Part 3.1 Art 3.1.21.	<u>Plateaus for air biofilters</u>	Total		
4.20.	Vol. III, Sec. 3, Part 3.1 Art 3.1.22.	<u>Works on landscaping</u>	Total		
4.21.	Vol. III, Sec. 3, Part 3.1 Art 3.1.23.	<u>Fence</u>	Total		
4.22.	Vol. III, Sec. 3, Part 3.1 Art 3.1.24.	<u>Access road to plant location, by- pass road</u>	Total		
4.23.	Vol. III, Sec. 3, Part 3.1 Art 3.1.25.	<u>Connection to the public water supply network</u>	Total		
Price Schedule No. 4			TOTAL:		
To be carried to GRAND SUMMARY OF PRICE SCHEDULES					

Initials of a person or persons authorised to sign on behalf of the Tenderer:

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Price Schedule No. 5
ELECTRICAL WORKS

Position	Reference to Employer's Requirements	Description	Unit	Amount in euro	Tax and other duties
5.1.	Vol. III, Sec. 3, Part 3.3 Art 3.3.1.	<u>Cable conduit laying</u>	Total		
5.2.	Vol. III, Sec. 3, Part 3.3 Art 3.3.2.	<u>Power generator and transformer station</u>	Total		
5.3.	Vol. III, Sec. 3, Part 3.3 Art 3.3.3.	<u>Outdoor distribution network</u>	Total		
5.4.	Vol. III, Sec. 3, Part 3.3 Art 3.3.4.	<u>Indoor electrical installations</u>	Total		
Price Schedule No. 5			TOTAL:		
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Price Schedule No. 6

SUPERVISION, MEASUREMENT AND CONTROL

Position	Reference to Employer's Requirements	Description	Unit	Amount in euro	Tax and other duties
6.1.	Vol. III, Sec. 3, Part 3.4 Art 3.4.1.	<u>Controller boxes</u>	Total		
6.2.	Vol. III, Sec. 3, Part 3.4 Art 3.4.2	<u>Measurement-regulation equipment</u>	Total		
6.3.	Vol. III, Sec. 3, Part 3.4 Art 3.4.3	<u>Control room equipment</u>	Total		
6.4.	Vol. III, Sec. 3, Part 3.4 Art 3.4.4	<u>Software package</u>	Total		
Price Schedule No. 6			TOTAL:		
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Price Schedule No. 7
OPERATING COSTS
FOR 12 MONTHS OF OPERATION

Operating costs shall be calculated on the base of proposed Tenderer solution which is in accordance with: entering design loads from employer's requirements (Volume III, Section 2, Article 2.7) and request quality of discharge water (Volume III, Section 2, Article 2.7).

All cost should be based on prices from December 2007 (Prices of water and electrical power should be based on documents given in Volume V, Section 1 Background documents (Rate models for middle voltage electrical power and Water pricelist)) on **annual basis for the period of 20 years**.

Position	Description	Unit	Amount in euro	Tax and other duties
7.1.	Electric power in the dry period	Total		
7.2.	Electric power in the rainy period	Total		
7.3.	Working costs	Total		
7.4.	Chemical consumption	Total		
7.5.	Costs of regular equipment service, spare parts, lubricants	Total		
7.6.	Costs of sludge disposal on the municipal landfill (sand, waste from sieves, grease); distance from the WWTP and landfill is 22km, foreseeable price is 60 Euro/t of sludge	Total		
Price Schedule No. 7		TOTAL:		

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