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May 1, 2020

Ms. Sonia Krammes
Department IT Coordinator
Department of Public Utilities
City of Columbus
910 Dublin Road
Columbus, OH 43215
USA

Subject: Budgetary Pricing Estimate for the City of Columbus PragmaCAD Upgrade to Version 7

Dear Ms. Krammes:

CGI is pleased to offer the following estimate for the PragmaCAD upgrade to version 7 at the Department of Public Utilities, City of Columbus. It is our understanding that our pricing will be used for your budgetary planning purposes only, pending a formal CGI SOW at the City of Columbus' request, and will not become binding until such SOW is finalized by mutual agreement.

PragmaCAD Upgrade

CGI proposes an upgrade of its PragmaCAD solution to version 7. The following list briefly summarizes the project activities and assumptions. This project is based on a nine- (9) month timeline from project start to deployment.

Project Activities

- On-site kick-off meeting and SOW signoff;
- Data migration of PragmaCAD static and dynamic data from current City of Columbus production database including a data conversion plan;
- Data validation at CGI offices;
- PragmaCAD Familiarization and GAP Analysis workshops to review the new PragmaCAD functionalities: 3 days on-site;
- Three configuration sessions: 3 days onsite each;
- Testing of Columbus data with PragmaCAD V7 in our offices in Montreal;
- Pre- Site Acceptance Tests (SAT): preparatory session at City of Columbus offices – 3 days onsite;
- (SATs): Two cycles – 3 days each onsite;
- SAT Acceptance;
- Pre-rollout:3 days on-site;
- Rollout Support at City of Columbus offices: 3 days onsite;
- 30 days stabilization period after the 'go-live' date;



- Final Acceptance.

Project Assumptions

This budgetary pricing takes into account the following list of assumptions:

- Pragma®CAD V7 will be delivered for this project;
- A Statement of work and a final project timeline will be agreed upon by City of Columbus and CGI before starting the project;
- CAD V7 XML interface is backward compatible with the CAD v5.4 XML interface;
- Following the PragmaFIELD configuration workshops, a period of five (5) weeks is reserved for the City of Columbus to configure PragmaFIELD;
- Microsoft discontinued the MapPoint product currently used by our solution; therefore the PragmaCAD V7 will utilize the HERE mapping solution. PragmaGEO V7 will use the HERE landbase;
- Installation and configuration of SAT, Production, and other environments' Application Server are under the management and responsibility of City of Columbus;
- During this project, CGI will revisit the existing hardware and will provide recommendations for update, if required, to support PragmaCAD V7 as well recommendations for the required HERE map server. The City of Columbus will be responsible for providing hardware and software for all CGI environments at the City of Columbus;
- PragmaCAD existing interfaces will be upgraded "as-is." CGI assumes that no modifications have been made to the interfaces. The City of Columbus will be responsible to adapt any modifications made to the existing interfaces;
- PragmaFIELD V7 standard functionalities will be sufficient to replace MobLITE, including Columbus' specific code. No new development in PragmaFIELD is planned for this upgrade.

Pricing

CGI's pricing is estimated at \$US 945,000 (+/- 30%) which includes the activities listed above, in addition to overall Project Management required and travel expenses estimate.

The following table presents a summary of the pricing components:



Migration of PragmaCAD to V7	\$US
CGI existing PragmaCAD Licenses All CGI PragmaCAD licenses listed in the support agreement and currently in production (covered under the Evergreen support agreement)	No charge
Additional new licenses	
PragmaFIELD seat licenses - 60 seat licenses at \$345 each	\$20,700
HERE annual usage fee for first year (please see description in Third Party Software section)	\$6,300
CGI Professional Services for the the activities listed above	\$819,000
Travel expenses estimate	\$99,000
Total CGI Licenses and Professional Services	\$945,000

Third Party Software – HERE Mapping Solution

PragmaCAD V7 uses the HERE mapping solution for landbase maps. The Microsoft MapPoint product used in previous PragmaCAD versions was discontinued by Microsoft.

The pricing for the HERE mapping solution consists of a yearly usage fee based on CAD licenses (the first year license fee is included in the price quoted above). The following HERE licenses are required for this upgrade.

HERE License Description (Third Party Software License)	Unit Price	Qty	Annual Usage Fee
HERE annual usage fee for 60 PragmaFIELD licenses.	\$105	60	\$6,300
Total HERE Annual Usage Fee			\$6,300

Note: This annual price offers a yearly map upgrade.

Pricing Assumptions

- All prices are in US dollars and exclude all taxes.
- New CGI licenses (including PragmaFIELD) will be covered by amendments to the existing Professional Services, Master Licensing, and Software Support agreements.



- Pricing, including any discounts provided by CGI, is based on the combination of products, services, and quantities detailed in this offering. Items selected as individual components or which form different combinations of components (or in the event that quantities change), will require a new quote and may not qualify for the same discounts (if any are applicable). Licenses, once invoiced as scheduled, are non-reimbursable.
- Any project delay or scope changes caused by situations not under the direct control of CGI may result in pricing increase
- Services as described above are provided on a fixed-price basis.
- Travel and Living expenses are not included in the above pricing. A per diem rate of \$70 USD for meals per resource is applicable for on-site CGI resources. Other related travel and living expenses will be charged at cost.
- Payment terms are net thirty (30) days from receipt of invoice.
- This proposal is valid for a period of 60 (sixty) days.
- This proposal is predicated on the assumption that the parties will reach agreement on contract terms and conditions consistent with industry standards to support projects of this kind.
- Additional services not included in the project and approved by change requests utilize the following daily rates based on an eight hour (8) day and a five-day (5) week for on-site and off-site activities. Change requests for services are billable at the end of the month.
 - Functional Lead (SME) : \$2,000 US/day
 - Project Manager : \$1,800 US/day
 - DBA/Technical Lead/Trainer/Analyst : \$1,600 US/day
 - Programmer : \$1,200 US/day
 - QA/QC personnel: \$1,120 US/day
 - Documentation: \$1,120 US/day

We trust that our pricing satisfies your budgetary planning needs and look forward to submitting a formal and more detailed CGI statement of work when appropriate. Should you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen Joyce".

Stephen Joyce
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