

Below are the answers to questions of clarification for the RFP. More answers will soon follow for any of the below unanswered questions.

Q# Question

- 1 What is the primary driver for the suggested implementation timeline?
Completed by the end of 2015
- 2 What resources will be available from the County to support this project?
Staff and Office space as needed
- 3 For any data conversion work, will the County have resources to perform this task?
Yes, we will provide staff to work with consultants
- 4 It appears that the County believes that a Project Manager from the contractor requirements? side is optional (see RFP Section A Scope). Can the County clarify its contractor Project Manager
County will provide technical team leads to work with consultants
- 5 Per the RFP, one of the deliverables states that the Contractor will “have the related licenses for this project? Identify County hardware, software and licensing needs”. Does this mean that the County does not yet
The County doesn't own licensing for Work Manager or LAM
- 6 A portion of the SAP GEO.e work can be delivered only by SAP themselves. Did the County consider contracting directly with SAP for the GEO.e portion? Would the County like the SAP Partners to contract directly with SAP? Our rationale is that believe it will be more cost effective if the County gets this particular piece of the work directly from SAP.
N/A
- 7 Please list the asset types that will be geo enabled.
Manholes, sewerlines, storm assets, sanitary assets, facilities, roads, guiderail, linear drainage, bridges, culverts, signs
- 8 Of the asset types that will be geo-enabled, which currently exist in SAP?
Manholes, sewerlines, facilities
- 9 Of the asset types that will be geo-enabled, which currently exist in ESRI?
Manholes, sewerlines, fac, storm assets, sanitary assets
- 10 Is Erie County able to manage the ESRI side of any interfaces that need to be created? There will be ESRI side development effort necessary for the GIS / SAP synchronization process. Should we include this as part for SAP’s responsibility for the project or will Erie County provide developers for this purpose?
YES
- 11 Please list the use cases for Mobility
Create a notification in the field, change the notification in the field, create a worker in the field, open a work order in the field, do a goods issue in the field, do a time confirmation in the field. Integrated geo.e geospatial solution.
- 12 Do you need a quote for LAM licensing?
YES
- 13 Which asset types will utilize Linear Asset Management?
Roadways, guiderail, sewerlines and linear drainage assets.
- 14 Please provide types of assets that will be LAM enabled - pipelines, roadways etc. with examples of their linear characteristic (pipe diameter, road material, year of construction/install etc.) so that we can estimate the data conversion effort. Also are these assets currently implemented in SAP PM or would they be added as net new in ECC (i.e. does functional location and equipment data for these linear assets currently exist in SAP)? If so, what is this master data size (# or equipment/functional location) volume?
The characteristics of roadways that we would potentially track include but are not limited to:
 - **Road functional classification (principal arterial, minor arterial, collector, etc. – 12 classifications in all)**
 - **Number of lanes**
 - **Striping (double yellow, passing allowed, date last striped, etc.)**
 - **Pavement material (asphalt (several types), concrete, oil & stone)**

- **Maintenance history (what has been done to which sections and when.)**
- **Roadway condition rating**
- **Presence or absence of curbing**
- **Accident history along roadway**

The characteristics of guiderail that we would potentially track include but are not limited to:

- **Type of guiderail (w-beam, box rail, etc.)**
- **Type of guiderail posts**
- **Type of end section/anchorage**
- **Condition of guiderail**
- **Maintenance history (when installed for new rail, type, extent and date for general maintenance)**

The characteristics of linear drainage the we would potentially track include but are not limited to:

- **Type of drainage (closed or open system)**
- **If open are ditches used or natural overland flow off of the roadway**
- **Location of outfalls (where closed drainage system outlets)**
- **If open are driveway pipes present. Where and what kind.**
- **If closed:**
 - **Gutter system present**
 - **Curb gutter**
 - **Country gutter**
 - **Where are drop inlets (DIs) located**
 - **Size, type and length of pipe connecting DIs**

15 Since Work Manager is in Phase 1 and LAM in Phase 2 - it may make sense to run the 2 phases in parallel to minimize the the integration testing on LAM with WM/Geo-e - the go-live still be in 2 phases if needed. What is driving the decision to deploy in 2 phases? If LAM is done in Phase 2 then there would be a need for some WM and GEO-e staffing in Phase 2.

Money and resources

16 Which of these processes are relevant for LAM assets : preventive maintenance or inspections , condition monitoring, maintenance & repair?

All of these would be relevant.

17 Will the project be on ECC 6 Enhancement Pack 5 or 6+ (recommended for LAM)

Yes, currently on 6.

18 Is SAP BW reporting for LAM in scope of the project?

No, the County doesn't utilize BW

19 Geographical scope is stated as 1 region for the project - how many total regions exist -as certain LAM configuration may be across regions (changes to equipment or functional location or List screens) it may not be possible to deploy 1 region at a time

1 region

20 With Phase 2 expected to be 8 weeks implementation, will Erie County be responsible for cleansing and loading all LAM master data , OCM and end-user training?

YES

21 Are your feature services configured for synchronization?

YES

22 Do you have base maps or base map layers internally to be used?

NO, not currently

23 Do you have multiple ArcGIS servers to pull data from?

NO, just one

24 Are your SAP equipment mapped to different feature service layers?

- YES**
- 25 Has a device been selected? If so, what is it or do you have a range of devices?
Not Yet
- 26 What type of input device is used? (Mouse, Stylus, Finger)
All of the above
- 27 What SAP business objects do you want displayed on the map? (Work Order, Notification, Equipment, Functional Location)
All of the above
- 28 Do you want any other SAP objects displayed on the map? (Operations, Equipment on Operations)
All of the above
- 29 How do you want Work Orders represented on the map - based on equipment, functional location, or other?
YES
- 30 How do you want Notifications represented on the map - based on equipment, functional location, or other?
Equipment and Functional Location
- 31 Have you identified the feature service layers you want on the client?
Equipment and Functional Location
- 32 Of the feature service layers identified, which ones do you want offline?
NO
- 33 Do you know the attributes to be downloaded?
N/A
- 34 Are you planning to use maps offline?
N/A
- 35 How do you segment your work areas? (Zones, Districts, Divisions, etc.)
YES
- 36 Are you work areas defined in GIS?
District
- 37 Do you want custom offline that utilizes cached map services rather than dynamic offline that needs to be manually triggered upon daily use that comes with out of the box? – We see this as a common request from other customers.
YES
- 38 to define polygons around environmentally protected areas or other areas of interest with business rules against them, e.g. alert if land access permit is required
NO
- 39 Do you want ability to drop a pin and get an address or to type an address and get a pin dropped – we see this as a common request
YES
- 40 Do you want pre-canned high volume transactions that users can drop on a map with one-click, e.g. drop pin to create Work Order for tree trimming or sign repair – we see this as a common request
YES
- 41 Do you want ability to select individual or multiple objects from Feature Services to create SAP transaction –
YES
- 42 Do you want ability to use different icons / color schemes to visually show different status types rather than have status buried as an attribute in call-out box – we see this as a common request
YES
- 43 Do you want ability to search and filter objects contained in Features Services – we see this as a common request
YES
- 44 What is the expected level data alignment between data structures in GIS and those in SAP, i.e. do unique identifiers already exist that enable table mapping of objects?
YES

- 45 What is the OS considered for Work Manager?
UNDECIDED
- 46 What is your landscape look like for going from development to production?
Standard landscape but we are flexible depending of consultant requirements
- 47 What is your current service pack / patch level for SMP 3?
N/A See above answer
- 48 Do you have mapping information for your SAP objects?
YES
- 49 Do you want to create work orders or notifications from GIS assets?
YES
- 50 Do you need to track GIS changes in WM (red line) to be submitted for review?
NO
- 51 Do you need to track location of the user (breadcrumbs)?
NO
- 52 Do you anticipate leveraging the out of the box routing or do you need multi-stop optimized routing instead?
NO
- 53 Do you want thy ability to use GIS redlining tools and send info packets back directly to the Enterprise GIS
NO
- 54 Does your existing GIS support any mobile applications?
YES
- 55 Describe your GIS architecture (I.e. DEV, QA, PROD)
1 ARCGIS 10.2.2 Box, Windows Server 2012, 1 SDE 10.2.2 box, Windows Server 2012, Development Box is planned
- 56 Searching - out of the box it filters the SAP objects. Do you need highlighting similar to ArcMap?
YES
- 57 Work near me - do you need to see work that is near you to determine if it should be assigned to you if you finish work early?
NO