



Department of
Community Investment

Redevelopment Commission Agenda Item

DATE: 4/27/2017
FROM: City of South Bend Department of Innovation & Technology
SUBJECT: Resource Center Matching Funds

PURPOSE OF REQUEST:

Specifics are: Requested match of \$3M from TIF pending execution on \$3.4M requested IEDC Industrial Development Grant Fund. The Industrial Grant Fund (IDGF) provides assistance to municipalities and other eligible entities as defined under I.C. 5-28-25-1 with off-site infrastructure improvements needed to serve the proposed project site.

The City of South Bend (CSB), Indiana, and the University of Notre Dame (UND) proposed to develop a Platform for Advanced Wireless Research (PAWR) called SBXG in collaboration with their extensive industry and academic partners.

SBXG will provide instrumentation at city scale in order to enable research and development as well as technology transfer for several generations of wireless technologies and applications. Detailed specifications for this instrumentation in terms of frequency bands, bandwidths, numbers, and locations are evolving based upon use cases being developed.

Key to this project will be the SBXG Resource Center, for which the purpose will be three-fold. First, the resource center will provide researchers from industry and academia with a test configuration identical to the equipment deployed in the “production” sites. The “pre-installation” configuration will allow users to integrate their own equipment and debug their experiments before deploying on the full testbed. Second, the resource center will serve as the network operations center that will manage the monitoring and control of the production network. Third, the SBXG Resource Center will provide opportunities for training and experiential learning for students at all levels, as well as outreach to the broader community. Experiential learning and job training aligned with the City’s workforce development programs offer an additional avenue for regional economic development.

INTERNAL USE ONLY: Project Code:TBD

Total Amount new/change (inc/dec) in budget:\$3M ; broken down by:

Acct # _____ Amt: _____; Acct # _____ Amt: _____;

Acct # _____ Amt: _____; Acct # _____ Amt: _____;

Going to BPW for Contracting? Y/N Is this item ready to number now? _____

Existing PO# _____ Inc/Dec \$ _____

