

ID: 12	Bid Title: Design and construction of the expansion and rehabilitation of the road interchanges Puente Juan Pablo II, Rio Segundo, Grecia, Naranjo and San Ramón on Route 1, San José section - San Ramón Costa Rica.	
Country: Costa Rica	Geographic scope of the bid: Route 1, San José - San Ramón section.	
Sector: Transportation	Subsector: Roads	
Project name: Design and construction of the expansion and rehabilitation of the road interchanges Puente Juan Pablo II, Rio Segundo, Grecia, Naranjo and San Ramón on Route 1, San José section - San Ramón Costa Rica.		
# operation: CR-L1139	Executing Agency: Ministry of Public Works and Transportation - MOPT	
<p>Bid description:</p> <p>The design and construction of the Grecia, Naranjo, San Ramón, Juan Pablo II and Rio Segundo interchanges is part of a larger group of works for the improvement and expansion of the val San José and San Ramón corridor (Route No. 1). These works are part of the “Obras Impostergables (OBIS)”, which aim to address the main bottlenecks that have a significant impact on the current operational conditions due to high traffic volumes and limited road capacity to satisfactorily meet the existing demand.</p> <p>The Grecia, Naranjo and San Ramón interchanges are part of OBIS Lot 4 and are financed with an IDB loan of up to US\$50 million. The main features of these works are:</p> <ul style="list-style-type: none"> • Juan Pablo II Bridge: At kilometer 4+500 of the highway, the Juan Pablo II Viaduct will be reinforced and widened to accommodate a new 4-lane platform in each direction from the existing 3 lanes, as well as the improvement of the main accesses to the current traffic circle, maintaining the number of lanes of the traffic circle under the viaduct. • Río Segundo Interchange: At kilometer 15+500 of the highway, a new interchange is to be built that includes an underpass under Route 1, allowing movements to be redirected through two traffic circles, one on each side of National Route 1, which in turn allow connectivity of the new interchange with the existing roadway (Route 3), marginal streets and the future Río Segundo - Río Virilla Radial. • Grecia Interchange: At kilometer 35+700 of the highway, a new trumpet interchange is to be built, making the crossing of the Bernardo Soto highway, for the Grecia-San José movement, through a loop and an overpass over Route No. 1. The construction of this interchange also includes the construction of ramps, acceleration and deceleration lanes for traffic. • Naranjo Interchange: At kilometer 44+300 a new trumpet interchange will be built to replace the existing at-level intersection with acceleration and deceleration lanes to and from Route No. 1. The solution presented considers the construction of an overpass structure for the transversal crossing of the Bernardo Soto highway, with a sufficiently wide span to allow the placement of a six-lane section (three lanes in each direction) on Route No. 1, considering the existing functional and operational improvement, the construction of ramps, acceleration and deceleration lanes, as well as the widening works of Route No. 1 to also provide better road safety conditions at this intersection. 		

- San Ramón Interchange: At kilometer 57+400 a new trumpet-type interchange must be built, which will replace the existing at-grade intersection with the loop-type ramp for traffic coming from Route No. 1, San Ramón-San José direction, which must enter this cantonal center and/or vice versa, for which it will also be necessary to build an underpass that crosses transversely the trunk road (Route No. 1), as well as ramps, acceleration and deceleration lanes and the widening of Route No. 1, which will allow a functional, operational and road safety improvement with respect to the existing conditions. 1) as well as the ramps, acceleration and deceleration lanes and the widening works of Route No. 1, which will allow a functional, operational and road safety improvement with respect to the existing conditions.

Contribution of the tendered project to job creation: It is estimated that the construction of the three works will generate close to 150 direct jobs and at least double the number of indirect jobs. Additionally, it will contribute to the generation of jobs in the economic activities that will benefit from the improvement of the road, as well as in those related to the users of the road corridor, which will be evidenced in the nationalization of the estimated and defined tariffs to attend the investments to be made. The San José-San Ramón Road Corridor will improve urban mobility, which in addition to reducing travel times for public transportation and private vehicles, will reduce the environmental footprint through better use of fuels and improve the quality of life by providing a solution that mitigates stress levels and the effects of environmental congestion that affect public health.

Contribution of the tendered project to productive development: The direct beneficiaries will be the people who use the intervened roads, cargo transportation users and other actors in the logistics chains; particularly in the San José - San Ramón corridor, there are 38,700 users who use private transportation and 71,300 users who use public transportation, totaling 110,000 users that occupy the 46,600 vehicles that circulate daily on average.

In the first year of operation of the OBIS, savings in vehicle operating costs of US\$46.54 million have been calculated, travel time would be reduced by 5.5%, and CO2 emissions would be reduced by 29,054 tons per year.

Method: International Competitive Bidding (ICB)	Type of procurement: Project
Amount: US\$ 43 million	Process language: Spanish
Estimated Bid Publication Date: February/2022	Estimated deadline for receipt of bids: May/2022