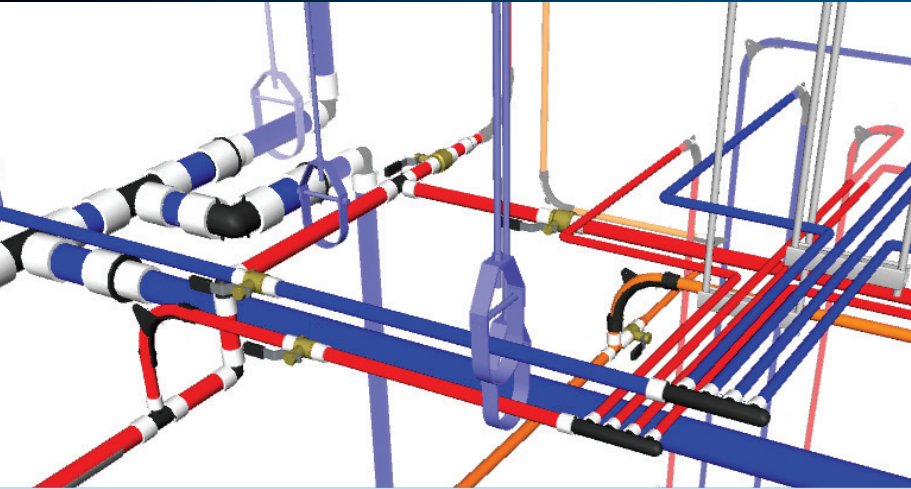


Uponor Construction Services maximizes project schedules and profitability

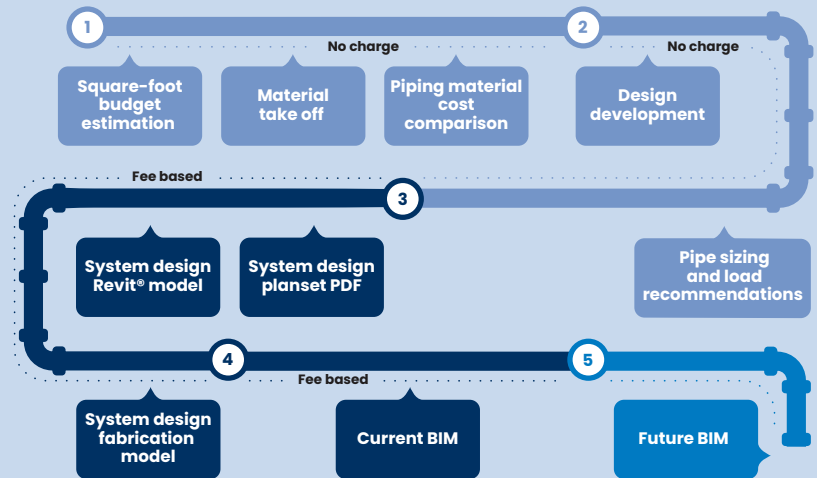
Uponor



Our expert team of designers and project managers streamlines your projects to help you build better structures more efficiently with greater profitability.

Uponor Construction Services offering

up to **25% LESS**
than standard industry rates



Menu of services

- Square-foot budget estimation
- Material take off
- Piping material cost comparison
- Design development
- Loop layout
- Pipe sizing and load recommendations
- System design (planset PDF, Revit and fabrication models)

Learn more
uponor-usa.com
uponor.ca
design.services@uponor.com

Service	Category	Description	Design deliverable options	Quote deliverable options	Fee structure
Square-foot budget estimation	Radiant heating/cooling	Pipe, fittings, and controls material estimation based off specified square footages.	N/A	Excel	No charge
	Snow and ice melt systems				
	Permafrost and turf conditioning systems				
Material take off	Domestic water piping	Accurate Uponor material take off using the plans provided.	PDF indicating transition location	Excel	No charge
	Hydronic distribution piping				
Piping material cost comparison	Domestic water piping	Uponor system material and labor comparison to customer selected product line and fitting systems built into Trimble's estimation software.	N/A	Excel	No charge
	Hydronic distribution piping				
Design development	Domestic water piping	Piping layout and bill of materials for typical units and typical risers. (max. of 3 units and 3 risers - models may be sent)	PDF	Excel	No charge
	Radiant heating/cooling	Pipe, fittings, and controls material estimation based off Uponor's provided preliminary radiant schedules, including hatched radiant areas, associated GPM and pressure drop estimations and established manifold placements.			
	Snow and ice melt systems				
	Permafrost and turf conditioning systems				
Loop layout	Radiant heating/cooling	Visualization of loop layouts showcasing routing intent, not to be used for as built. To receive an Uponor-recommended layout, please send in for a system design planset.	LoopCAD PDF	N/A	No charge
	Snow and ice melt systems				
	Permafrost and turf conditioning systems				
Pipe sizing and load recommendations	Domestic water piping	Review and analysis of an existing set of plans for verification of pipe size, calculation criteria and/or thermal load analysis to meet Uponor's pipe sizing or radiant output recommendations. Providing back written recommendations using the plans provided.	PDF	N/A	No charge
	Hydronic distribution piping		Excel PDF		
	Radiant heating/cooling				
	Snow and ice melt systems				
	Permafrost and turf conditioning systems				
System design planset	Domestic water piping	Design providing a complete piping system routing layout, installation details, load calculations, friction loss of the system and pipe sizing. Includes a material take off of all Uponor materials needed for the installation of the design.	PDF	Excel	Set price per hours estimated
	Hydronic distribution piping				
	Radiant heating/cooling				
	Snow and ice melt systems				
	Permafrost and turf conditioning systems				
System design Revit model	Domestic water piping	Model providing a complete piping system routing layout, installation details, load calculations, friction loss of the system and pipe sizing. Includes a material take off of all Uponor materials needed for the installation of the design.	RVT content	Excel	Set price per hours estimated
	Hydronic distribution piping				
	Radiant heating/cooling				
	Snow and ice melt systems				
	Permafrost and turf conditioning systems				
System design fabrication model	Domestic water piping	Model providing a complete piping system routing layout, installation details, load calculations, friction loss of the system and pipe sizing. Includes a material take off of all Uponor materials needed for the installation of the design.	ITM content	Excel	Set price per hours estimated
	Hydronic distribution piping				

Note: All revisions may be subject to Uponor Construction Services hourly rates.

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