

3) Schedule

and the opportunity to control and prevent time g

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Advantages	Disadvantages
E}v	<p>>] o Ç š } Ç] o o } v P • š o]</p> <p>>] o Ç š } Ç] o š Z Z] P Z • š • Z μ o P</p> <p>d Z Ç] • o l } (} % % } Ç š μ v] š Ç š } }</p> <p>schedule due to the linear nature of DBB.</p>

CONSTRUCTION MANAGEMENT AT RISK	
Advantages	Disadvantages
<p>&] o] š š š Ç (• š v P } Ç š Z] (' Z] • l š Z š } Á Ç o % %] v P •] P</p> <p>u μ o š] % o •] P v % l P • X % l P • u Ç Ç š o Ç] (v } š % Ç }</p> <p>^ š μ] • Z Á • Z } Á v š Z š D Z] • coord. } v</p> <p>Á Ç P š Z v U μ š • o } Á Ç š Z - š Ç X] v P • Z μ o Á] o o Ç (μ] Ç } Á v</p>	<p>] v •] P v v } v • š Ç μ š] } v Ç</p>

4) Risk Management

dZ]••μ š]o• u šZ} • š} }%o Á]šZ %oŒ}i š μv Œš]vš] • šZ š Œ

5) Risk Allocation

Z %o CE }i š o]À CE Ç u š Z allocation characteristics. The overarching goal should
š } • o š š Z %o CE }i š o]À CE Ç u š Z } Á]š Z š Z • š]o]š Ç š } ••]P
• š %o } •] š]nagš them.



6. Agency Goals and Objectives

of each project delivery u šZ} Z • •]Pv](] vš Œ]vP }v o]À ŒÇ u šZ} • o

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Advantages	Disadvantages
<p>Separate design and construction contracts c through the design process.</p>	

7) Agency Control of Project

dZ }Áv Œ[•]o]šÇ š} }všŒ}o šZ š]o• }(•]Pv v }v•šŒμ š}}v Á
u šZ} X ~E}š šZ š }•š }všŒ}o v š]u }všŒ}o Œ • Œ]]v }šZ



8) Agency Control of the Project

dZ }Áv Œ[•]o]šÇ š} }všŒ}o šZ š]o• }(•]Pv v }v•šŒµ š}}v Á
u šZ} X ~E}š šZ š }•š }všŒ}o v š]u }všŒ}o Œ • Œ]]v }šZ

9) Stakeholder/Community Input

dZ]•]••μ Œ •• • šZ }%o%o}Œ šμv]šÇ (}Œ •š | Z}o Œ]vÀ}oÀ u vš ((

DESIGN-BUILD	
Advantages	Disadvantages
<p>^ %o Œ š •]P v v }v•šŒμ v }%o%o}Œ šμv]šÇ š} P š •š (}Œ šZ }uu v u vš }{ }</p>	<p>dZ }%o%o}Œ šμv]šÇ (}Œ •š Z design can cause delays in the project and add to the costs in the form of change orders.</p>

CONSTRUCTION MANAGEMENT AT RISK	
Advantages	Disadvantages
<p>dZ }v•šŒμ š}}v Æ%o Œ] v construction manager can help facilitate •š Z}o Œ]v%oμšX</p>	<p>^š Z}o Œ]v%oμš v u l ' šŒμ o •}u](v}š u v P }ŒŒ š o Ç</p>

DESIGN-BUILD	
Advantages	Disadvantages
<p>dZ }Áv Œ v Œ (μ]Œ šZ]v oμ %oμ o]]v(}Œu š}}v %oŒ}PŒ u š} (]o]š š }uuμv]š} •[]v%oμš•X •]Pμ]o Œ• v]vv}Á š]Á gain community involvement.</p>	<p>vÇ Z vP μ• }{ }uuμv] všZμšŒμ v }{ (Z&W v }•šoÇX]v Z o%o]vP</p>

d o š-l Z}o Œ]uuμv]šÇ /v%oμš À vš P •l]• À vš P • ^μuu ŒÇ

	DBB	CMR	DB
õX ^š Z}o Œ]uuμv]šÇ /v%oμš			

Key: • D}•š %o%o Œ]vŒ

o Appropriate delivery method

Ñ > •š %o%o Œ} %o Œ] š o]À ŒÇ u šZ}

y E}š %o%o o] o ~]• }vš]vμ Á oμ š}}v }{ (šZ]• u šZ} •

Comments: _____

10) Lifecycle Costs

Delivery methods can influence costs in the operation and maintenance phase. This issue focuses on

11) Maintainability

dZ Œ v À vř P • v]• À vř P • ř} Z o]À ŒÇ u řZ} Á]řZ O
]• Z] À X dZ]•]••µ • Œ] • řZ • À vř P • v]• À vř P • • řZ
]o]řÇ ř} •‰o](Ç ‹µ o]řÇ v • }(u]vř v v X

DESIGNBIDBUILD	
Advantages	Disadvantages