



### Aims : To educate participants about: what the NEC3 family of contracts is what its key objectives are with a focus on the 'stimulus to good project management' objective, and 'good practice' in implementing it in order to increase the likelihood of projects being delivered to their time, cost & performance objectives. eleading edge setting | your | projects up for | success







## A little bit about you How many people are :

- Employer Project Manager type people ?
- Contractor project / site management types ?
- Employer Quantity Surveyor types ?
- $\circ\,$  Contractor  $\,$  Quantity Surveyor types ?
- $_{\odot}$  Designers ?
- $\circ\,$  Refuse to be categorised ?

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#### The NEC3 Supply Short Contract 'the sort of maroony Brown Book' Published in Feb 2010 For standard manufactured nec items needed for a project. Allows for Batch Orders ply short contract (but not suitable for a long term Call Off arrangement) Still has Goods Information \* No Supply Manager & reduced management powers for Employer. e leading edge setting | your | projects up for | success

## NEC Option X12 : Partnering Option

- ✤ Came out in June 2001
- Suitable for use in Alliances, so should be called 'Alliancing Option' in my view.
- A set of 'bolt-on' clauses to other members of the NEC family to turn into an alliance.
- Key features are : a Schedule of Partners, a steering group (the Core Group), Partnering Information and KPIs & Targets, with the option of setting incentives against each.

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Contract Strategy / payment options available within each contract						
	ECC	EC- SubC	PSC	TSC	Supply Contract	Short Contracts (not Supply)
A : Priced Contract with Activity Schedules (AS)	1	1	1	1	1	*
B : Priced Contract with Bill of Quantities	1	1				×
C : Target Contract with AS / Price List	1	1	1	1		
D : Target Contract with Bill of Quantities	1	1				
E : Cost Reimbursable/ Time Based contract	1	1	1	1		×
F : Management Contract	1					
G : Term Contract			× -			
X12 : Partnering (project alliancing) option	1	1	1	1	1	×
X19 : Task Order				1		





















Contract Strategy / payment options available within each contract						
	ECC	EC- SubC	PSC	TSC	Supply Contract	Short Contracts (not Supply)
A : Priced Contract with Activity Schedules (AS)	1	1	1	1	1	1
B : Priced Contract with Bill of Quantities	1	1				×
C : Target Contract with AS / Price List	1	1	1	1		
D : Target Contract with Bill of Quantities	1	1				
E : Cost Reimbursable/ Time Based contract	1	1	1	1		1
F : Management Contract	× -					
G : Term Contract			1			
X12 : Partnering (project alliancing) option	1	1	1	1	1	× _
X19 : Task Order				1		



## Other Aspects of Flexibility

- Secondary options : "bolted on" to fine tune risk allocation \*
- $\label{eq:secondary}$  International Use : catered for by secondary options and no paraphrasing of law
- *Contractor's* design : extent defined in the Works Information or equivalent. ÷
- $\checkmark\,$  Multi-discipline work : exclusion of discipline specific procedures from CofCs. Either in WI or CD

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- Subcontracting :

   'Purple Book' can be used
   Short Subcontract for low risk & complexity work
   Amended PSC can be used for design subcontract
   Supply for specially designed goods
   Short Supply for commodities / off-shelf goods.

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Secondary Option Selection					
	ECC	EC SubC	TSC	PSC	Supply Contract
X1 : Price Adjustment for Inflation	× -	<ul> <li>Image: A second s</li></ul>	<ul> <li>Image: A second s</li></ul>	<ul> <li>Image: A second s</li></ul>	<ul> <li>Image: A second s</li></ul>
X2 : Changes in the Law	× .	× -	× .	× -	<ul> <li>Image: A second s</li></ul>
X3 : Multiple Currencies	1	× .	1	× .	<ul> <li>Image: A second s</li></ul>
X4 : Parent Company Guarantee	1	1	1	1	×
X5 : Sectional Completion	1	1		1	
X6 : Bonus for early Completion	1	× .		× .	
X7 : Delay Damages	1	1		1	<ul> <li>Image: A second s</li></ul>
X8 : Collateral Warranty Agreements				<ul> <li>Image: A second s</li></ul>	
X9 : Transfer of Rights				× -	
X10 : Employer's Agent				× .	
X11 : Termination by Employer				<ul> <li>Image: A second s</li></ul>	
X12 : Partnering	1	1	1	1	<ul> <li>Image: A second s</li></ul>



## Secondary Option Selection

	ECC	EC SubC	TSC	PSC	Supply Contract
X13 : Performance Bond	1	1	1	1	<ul> <li>Image: A second s</li></ul>
X14 : Advanced Payment	1	1			×
X15 : Limitation of <i>Contractor's</i> liability to reasonable skill & care	1	1			
X16 : Retention	1	1			
X17 : Low Performance Damages	1	1	1		<ul> <li>Image: A second s</li></ul>
X18 : Limitation of Liability	× .	1	1	1	
X19 : Task Order			1		
X20 : Key Performance Indicators	× .	1	1	1	<ul> <li>Image: A second s</li></ul>
Y(UK)2 : H, G, C & R Act	×	×	×	1	
Y(UK)3 : Rights of 3 <sup>rd</sup> Parties	× .	<ul> <li>Image: A second s</li></ul>	<ul> <li>Image: A second s</li></ul>	× .	<ul> <li>-</li> </ul>
Z : Additional Conditions of Contract	<ul> <li>Image: A second s</li></ul>	<ul> <li>Image: A second s</li></ul>	1	1	<ul> <li>Image: A second s</li></ul>



#### Flexibility : What the critics says ... ... RESPONSE CRITICISM It tries to be all things to Yes. And now the family is \* all people complete, it can be. But it fails.

- Where it has been used, it is rare that use is not continued. Therefore, by & large it succeeds. True, but often in a re-active way, following practice & case law. Sector contracts have ٠ evolved to suit the needs of the sector.
- Therefore, it does not cover the particular needs of that sector.

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- It is easily(ish) adaptable if you want to cover it in the same way or you can choose to do it differently.

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## **Clarity & Simplicity**

- Purpose : to promote ease of understanding at 'doer' level & so reduce disputes due to misunderstanding or omissions
- Simple & common structure across whole family leads to ease of finding way around any contract
- Flow charting to ensure logic : hints at process of project management
- Shorter sentence length & use of bullet points
- Less subjectivity: preciser definitions, risk allocation & Roles & Responsibilities' ٠.
- Defined Terms with Capital Initials to avoid replication
- \* Contract specific information in *italics* in Contract Data
- ECC is about a third of the length of traditional contracts

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Clarity & Simplicity : What the critics say					
CRITICISM	RE	ESPONSE			
No case law, so don't use until there is.	*	There is a case law, but a bit like saying "don't use that bridge until its fallen down".			
<ul> <li>How can you know its proper interpretation then ?</li> </ul>	*	It's written in plain English, with Guidance Notes, so you don't need to refer to textbooks & lawyers.			
You need Guidance Notes to understand it then ?	*	No, they are <i>not</i> an interpretation, but explain the thinking behind & consequences of each set of clauses.			
<ul> <li>It's written in "Janet &amp; John" language, not legalese.</li> </ul>	*	Yes, that's so that do-ers can understand it without referring to lawyers & text books.			
<ul> <li>I don't understand this "Plain English".</li> </ul>	*	That's because your a traditionalist / lawyer coming at it with that mindset.			
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Stimulus to Good Project Management					
<b>Purpose :</b> Range of contractual mechanisms and incentives to promote collaborative project management, thereby increasing predictability of time, cost & quality being delivered.					
It is founded on three key principles :					
<ol> <li>Foresighted, co-operative management shrinks risk and mitigates problems</li> </ol>					
<ol> <li>Both parties are motivated to work together if it is in their professional and commercial interests to do so</li> </ol>					
<ol> <li>Clear division of function, responsibility (&amp; risk) helps accountability and motivates people to play their part</li> </ol>					

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# Foresighted, co-operative management shrinks risk and mitigates problems

- A regularly updated and agreed programme with method statements & resources showing timing and sequencing of *Employer* and *Contractor* actions
- An active Risk Register stimulating active risk management
- An 'early warning' procedure for identifying future problems & minimising their impact
- Assessment of time and cost as contract progresses ideally before work done, but within set timescales
- Stated maximum time scales for actions of parties

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Feedback on Stimulus to Good project Management CRITICISM RESPONSE					
<ul> <li>You can do this under any form of contract.</li> </ul>	*	True, but the NEC3 makes it a contractual obligation & there is often a sanction if you don't. So it makes it more likely you will.			
<ul> <li>People make projects work, not contracts.</li> </ul>	*	It's a combination of people, systems & good project practices + in a multi-party contract : commercial alignment, clear obligations & remedies, R&R's and risk allocation etc. NEC addresses the latter.			
<ul> <li>If you don't have a good programme etc, then the contract falls apart.</li> </ul>	*	Partly true : where people haven't operated the contract then no worse than under other forms. If only one party is, then they are in a position of strength. If both parties, then a darn good contract.			
Where's the proof it works ?	*	Can never have absolute proof due to uniqueness of projects, but successful projects, expanding use & research feedback.			
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#### Things we can cover in more depth ... ...

- 1. Application of different members of the family.
- 2. Contracting strategy at main payment option level : what are they and when to use them.
- 3. Use of secondary options & other aspects of flexibility.
- 4. Assembling a contract & evaluating tenders under the NEC
- 5. Role of the Project Manager & Supervisor
- The change management clauses: the Accepted Programme, early warnings & risk reduction meeting, the Risk Register, compensation events (definitions, process, criteria for evaluation).
- 7. Contract administration, including demonstration of 'cloud' administration system.
- 8. Getting the most out of the NEC : 'very good' practice in the operation of the project management clauses.

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# Exercise On your own, spend a few moments thinking about "what can I get out of the remainder of the day that would make it really worthwhile ?" Have a discussion in small groups of 3'ish to stimulate thought. For each item you want covered, write down on a <u>separate</u> Post-It. Place on Flipcharts around room which have number identified on them which correlates with previous slide.

- Get into groups, amalgamate Post-Its : remove duplication and group in similar themes.
- Feedback after break.

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