

**Notes:**

- Each worksheet row named: *STS 3&4 Festoon Overhaul*, contains cable data/specifications which are binding to each bidder and prices must be included in the submitted offer for these specific cables. ( regarding the stated Cable quantities & Number of cores, these are also binding to each bidder since current & future needs have been considered )
- Each bidder must clearly state in his offer and also in the table below, all required data for all offered cables, i.e.: *Description, Designation, Manufacturer, Model, Number of Cores x Nominal Cross Section (mm<sup>2</sup>), Part Number*.
- The pertinent, brochures & data tables of the cable's manufacturer for the specific types of offered cables, must also be submitted with the offer. All offered cables must be clearly marked by the bidder on these brochures.
- As already stated, all cable lengths and quantities refer to **One (1) STS festoon system**.

STS 3&4 FESTOON OVERHAUL									
<b>Cables</b>									
[ Technical data of existing cables and Technical requirements of new cables - Data per STS ]									
Pos.	1	2	3	4	5	6	7	8	
Cable Type	POWER CABLE	POWER CABLE	CONTROL CABLE	CONTROL CABLE	CONTROL CABLE	SIGNAL CABLE	POWER & CONTROL CABLE	FIBRE OPTIC DATA & SIGNAL CABLE	
<b>1. Description</b> <b>2. Designation</b>  <small>Notes for: "-O" &amp; "-J" code letters:                      -J : With a green/yellow identification of the earth/ground conductor.                      -O : Without a green/yellow identification of the earth/ground conductor.</small>	CURRENT STATUS	Round cable for Festoon system <b>NSHTÖU-O</b>	Round cable for Festoon system <b>NSHTÖU-J</b>	Round cable for Festoon system <b>NSHTÖU-JZ</b>	Round cable for Festoon system <b>NSHTÖU-JZ</b>	Round cable for Festoon system <b>NSHTÖU-JZ</b>	Round cable for Festoon system <b>L-2YTYD(Z)11Y</b>	Round power & control cable for Festoon system <b>Servo cable (AC motors) - Screened</b> n/a	Round fibre optic cable for Festoon system <b>Multimode</b> n/a
	STS 3&4 FESTOON OVERHAUL	Round cable for Festoon system <b>NSHTÖU-O</b>	Round cable for Festoon system <b>NSHTÖU-J</b>	Round cable for Festoon system <b>NSHTÖU-JZ</b>	Round cable for Festoon system <b>NSHTÖU-JZ</b>	Round cable for Festoon system <b>NSHTÖU-JZ</b>	Round cable for Festoon system <b>L-2YTYD(Z)11Y</b>	Round power & control cable for Festoon system <b>Servo cable (AC motors) - Screened</b> n/a	Round fibre optic cable for Festoon system <b>Multimode</b> n/a
<b>1. Manufacturer</b> <b>2. Model</b> <b>3. Number of Cores x Nominal Cross Section (mm<sup>2</sup>)</b> <b>4. Part Number (manufacturer's)</b>  <small>for Fibre Optic cable:                      Number of fibres x Ø Core / Ø Cladding</small>	CURRENT STATUS	PRYSMIAN - PALAZZO <b>PANZERFLEX®-L</b> 1 x 120 n/a	PRYSMIAN - PALAZZO <b>PANZERFLEX®-L</b> 5 G 25 n/a	PRYSMIAN - PALAZZO <b>PANZERFLEX®-L</b> 18 G 1.5 n/a	PRYSMIAN - PALAZZO <b>PANZERFLEX®-L</b> 30 G 1.5 n/a	PRYSMIAN - PALAZZO <b>PANZERFLEX®-L</b> 30 G 2.5 n/a	HELUKABEL <b>SUPER-PAAR-TRONIC 340-C-PUR</b> 8 x 2 x 0.5 49854	LAPP GROUP <b>ÖLFLEX SERVO FD 796 CP</b> 4 G 25 0027956	PRYSMIAN - U.T.V. CAVI <b>UTV FLEX® FESTOON-FO</b> 12 x 50/125 n/a
	STS 3&4 FESTOON OVERHAUL	1. Data input by bidder 2. Data input by bidder 3. 1 x 120 4. Data input by bidder	1. Data input by bidder 2. Data input by bidder 3. 5 G 25 4. Data input by bidder	1. Data input by bidder 2. Data input by bidder 3. 24 G 1.5 4. Data input by bidder	1. Data input by bidder 2. Data input by bidder 3. 30 G 1.5 4. Data input by bidder	1. Data input by bidder 2. Data input by bidder 3. 30 G 2.5 4. Data input by bidder	1. Data input by bidder 2. Data input by bidder 3. 12 x 2 x 0.5 4. Data input by bidder	1. Data input by bidder 2. Data input by bidder 3. 4 G 25 4. Data input by bidder	1. Data input by bidder 2. Data input by bidder 3. 24 x 50/125 4. Data input by bidder
<b>Cu Index</b> [ kg/km, approximate ]	CURRENT STATUS						148.4	1073.0	
	STS 3&4 FESTOON OVERHAUL	Data input by bidder →							
<b>Cable Net Weight</b> [ kg/km, approximate ]	CURRENT STATUS						274.0	1337.0	
	STS 3&4 FESTOON OVERHAUL	Data input by bidder →							
<b>Quantity [ pc ]</b> ( single pieces required for each cable Pos. )	CURRENT STATUS	16	1	1	4	5	4	4	1
	STS 3&4 FESTOON OVERHAUL	16	1	1	4	5	1	4	1
<b>Unit Length [ m/pc ]</b> ( Continuous Length of each <u>single</u> cable piece )	CURRENT STATUS	160.0	160.0	160.0	160.0	160.0	160.0	160.0	
	STS 3&4 FESTOON OVERHAUL	160.0	160.0	160.0	160.0	160.0	160.0	160.0	200.0
<b>Sub-total Copper Weight</b> [ kg, approximate ] ( total copper weight for each <u>single</u> cable piece )	CURRENT STATUS	0.0	0.0	0.0	0.0	0.0	95.0	686.7	0.0
	STS 3&4 FESTOON OVERHAUL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Cable Length [ m ]</b> ( total length of all cable pieces of each cable Pos.)	CURRENT STATUS	2560	160	160	640	800	640	640	0
	STS 3&4 FESTOON OVERHAUL	2560	160	160	640	800	160	640	200