

**PURCHASE REQUISITION FOR INSTRUMENT AND COMMUNICATION BULK MATERIALS
OCD-BK26-RQ-17 Rev.0**

Refer to:

MSP8.BK26-002-GE-IA2-RQ-004, Purchase Requisition for Instrumentation Bulk Materials, Rev.1

MSP8.BK26-002-GE-CS2-RQ-002, Purchase requisition for Communication bulk materials, Rev.0

MSP8.BK26-002-GE-PI1-RQ-003, Purchase requisition for piping material, special items support, Rev.0

ITEM No.	DESCRIPTION	TAG NUMBER	UNIT	TOTAL QUANTITY	REMARK
	GROUP 1: JUNCTION BOXES, MCT, CABLE GLANDS & PLUGS, CABLE ACCESSORIES AND MISCELLANEOUS ITEMS				
	JUNCTION BOXES Datasheet: MSP8.BK26-002-GE-IA2-DS-001_0_DATA SHEET FOR JUNCTION BOXES. Enclosure for Low Voltage Wiring (0.6/1 kV) 316 SS material, 1.5mm Thickness, detachable external hinged door with 125° minimum opening, Ex e IIA T3, with IP56 as minimum, Natural or Brushed Finish, Suitable for marine, tropical condition; C/w followings: - 316SS Gland plate x 3mm THK. for bottom & 2 sides. - Earthing Stud, Grounding Bar and Screw, Breathing Plug. - 316 SS nameplate; - 2 row of vertical terminals (Feed-through 2.5mm ² , Screw) Terminals, cable glands and plugs quantity as follows:				
1	Junction Box - Size: H300mm x 300mm x D150mm (VTC) - 1 ROW 18 (L) x 1 ROW 19 (R) Terminals - Number of Entries (c/w cable glands and plugs): + LEFT: 06 x M20 + RIGHT: 06 x M20 + BOTTOM: 01 x M32 Cable gland and plug quantity as specified in Datasheet.	PJBA-1001, PJBA-1000, EJBA-800, FJBD-2001, EJBA-1000, EJBD-2002	set	06	



2	<p>Junction Box</p> <ul style="list-style-type: none"> - Size: H400mm x 300mm x D150mm (VTC) - 1 ROW 37 (L) x 1 ROW 37 (R) Terminals - Number of Entries (c/w cable glands and plugs): + LEFT: 12 x M20 + RIGHT: 12 x M20 + BOTTOM: 02 x M32 <p>Cable gland and plug quantity as specified in Datasheet.</p>	<p>PJBA-800, PJBA-2001 PJBA-2002 PJBA-2003 EJBA-1001</p>	set	05	
3	<p>Junction Box</p> <ul style="list-style-type: none"> - Size: H300mm x 300mm x D150mm (VTC) - 1 ROW 12 (L) x 1 ROW 12 (R) Terminals - Number of Entries (c/w cable glands and plugs): + LEFT: 06 x M20 + RIGHT: 06 x M20 + BOTTOM: 01 x M40 <p>Cable gland and plug quantity as specified in Datasheet.</p>	<p>EJBS-800 EJBS-1000 EJBS-2001 PJBP-2001</p>	set	04	
4	<p>Junction Box</p> <ul style="list-style-type: none"> - Size: H300mm x 300mm x D150mm (VTC) - 1 ROW 24 (L) x 1 ROW 24 (R) Terminals - Number of Entries (c/w cable glands and plugs): + LEFT: 06 x M20 + RIGHT: 06 x M20 + BOTTOM: 02 x M32 <p>Cable gland and plug quantity as specified in Datasheet.</p>	<p>PJBD-1000A PJBD-1000B EJBD-1000 EJBD-2001</p>	set	04	
5	<p>Junction Box</p> <ul style="list-style-type: none"> - Size: H200mm x 200mm x D100mm (VTC) - 1 ROW x 8 Terminals - Number of Entries (c/w cable glands and plugs): + LEFT: 02 x M20 + RIGHT: 02 x M20 <p>Cable gland and plug quantity as specified in Datasheet.</p>	<p>FJBD-3001</p>	set	01	



6	<p>Junction Box</p> <ul style="list-style-type: none"> - Size: H450mm x 300mm x D150mm (VTC) - 1 ROW 49 (L) x 1 ROW 49 (R) Terminals - Number of Entries (c/w cable glands and plugs): + LEFT: 12x M20 + RIGHT: 12 x M20 + BOTTOM: 02 x M40 <p>Cable gland and plug quantity as specified in Datasheet.</p>	<p>FJBA-1001 FJBA-2001 FJBA-2002 JBA-8000</p>	set	04	
	<p>MCT - MULTI CABLE TRANSIT</p> <ul style="list-style-type: none"> - A60 Fire rated and/or blast resistant; - MCT frame: Mild steel suitable for offshore application; - Galvanized compression/wedge unit; - Block module: Flame Retardant Polymeric Material Insert module with core. 				
7	<p>Cable Entry Frame S8x5 (c/w 05 compression units, including lubricant) EXTERNAL SIZE: 298 x 663 x 60 mm (HxWxD)</p>	IMCT-EIR-01	set	01	
8	<p>Cable Entry Frame S6x1 (c/w 01 compression units, including lubricant) EXTERNAL SIZE: 238 x 141 x 60 mm (HxWxD)</p>	IMCT-TR-01, IMCT-EIR-02	set	02	
9	<p>Cable Entry Frame S4x1 (c/w 01 compression units, including lubricant) EXTERNAL SIZE: 180 x 141 x 60 mm (HxWxD)</p>	IMCT-BAT-01	set	01	
10	<p>Cable Entry Frame S2x1 (c/w 01 compression units, including lubricant) EXTERNAL SIZE: 121 x 141 x 60 mm (HxWxD)</p>	SPARE	set	01	
11	<p>Insert Block Module multilayer 60x60x60 mm (WxHxD) - appx. 28mm - 54mm cable OD range</p>		set	22	
12	<p>Insert Block Module multilayer 40x40x60 mm (WxHxD) - appx. 22mm - 35mm cable OD range</p>		pcs	44	
13	<p>Insert Block Module multilayer 30x30x60 mm (WxHxD) - appx. 10mm - 25mm cable OD range</p>		pcs	46	
14	<p>Insert Block Module multilayer 20x20x60 mm (WxHxD) - appx. 4mm – 17mm cable OD range.</p>		pcs	150	
15	<p>- SS316 Stay Plates 120 mm</p>		pcs	60	
16	<p>- SS316 Stay Plates 60 mm</p>		pcs	12	



	MCT - MULTI CABLE TRANSIT - Fire rated and/or blast resistant - MCT frame: Mild steel suitable for offshore application - Transits shall be identified by weatherproof labels.				
17	Cable Entry Frame S6x1 (c/w 01 compression units, including lubricant) EXTERNAL SIZE: 238 x 141 x 60 mm (HxWxD)		set	01	
18	- Insert Block Module multilayer 30x30x60 mm (WxHxD) for cable OD (13mm - 20mm) (Flame Retardant Polymeric Material Insert module with core)		pcs	12	
19	- Insert Block Module multilayer 20x20x60 mm (WxHxD) for cable OD (9.5mm - 16mm)(Flame Retardant Polymeric Material Insert module with core)		pcs	24	
20	- Insert Block Module multilayer 60x60x60 mm (WxHxD) for cable OD (28mm - 54mm) (Flame Retardant Polymeric Material Insert module with core)		pcs	04	
21	- SS316 Stay Plates 120 mm		pcs	05	
	CABLE GLAND & PLUGS				
22	1/2" NPT (9.5mm - 16mm cable OD with amour) brass fully nickel plated cable gland, min IP56, Ex"d"		pcs	290	
23	M20 (9.5mm - 16mm cable OD with amour) brass fully nickel plated cable gland, min IP56, Ex"d"		pcs	250	
24	M32 Brass fully nickel-plating cable gland, min IP 56, Ex 'd' (suitable cable OD 22-32mm)		pcs	40	
25	M40 Brass fully nickel-plating cable gland, min IP 56, Ex 'd' (suitable cable OD 32-42mm)		pcs	25	
26	Cable Entry Plug M20, brass fully nickel plated, min IP 56, Ex"d"		pcs	150	
27	M20A (12.5mm – 20.9mm cable OD with amour) brass fully nickel plated cable gland, min IP56, Ex"d"		pcs	90	
	CABLE GLAND For armored cable, brass fully nickel plated cable gland, min IP56, Ex"d". (c/w locknut and washers)				
28	1/2" NPT (9.5mm - 16mm OD)		Pcs	40	
29	3/4" NPT (13mm - 20mm OD)		Pcs	60	
30	M20 (9.5mm - 16mm OD)		Pcs	10	



31	M25 (13mm - 20mm OD)		Pcs	20	
32	M32 (22mm - 32mm OD)		Pcs	10	
	CABLE ACCESSORIES AND MISCELLANEOUS ITEMS				
	CABLE ACCESSORIES				
	Cable ties: Polyamide, sunlight resistant				
33	- size 9 x 120 mm (WxL)		Pcs	6500	
34	- size 9 x 260 mm (WxL)		Pcs	4000	
35	- size 9 x 350 mm (WxL)		Pcs	2700	
	Cable lugs (terminals) Tinned Copper, PVC Pre-insulated, (100 Pcs/Pack):				
36	- Pin Lug, Suitable for cable 1.0 mm ² , insert length 14mm		Pack	45	
37	- Pin Lug, Suitable for cable 1.5 mm ²		Pack	10	
38	- Pin Lug, Suitable for cable 0.5 mm ² (Cable shield wire)		Pack	25	
	Cable lugs (terminals) Tinned copper, PVC pre-insulated, ferrule type:				
39	- Wire section: 0.5 - 1.5 mm ²		pcs	100	
40	- Wire section: 1.5 - 2.5 mm ²		pcs	100	
	Tinned copper, PVC pre-insulated, pin type:				
41	- Wire section: 0.5 - 1.5 mm ²		pcs	150	
42	- Wire section: 1.5 - 2.5 mm ²		pcs	200	
	Tinned copper, PVC pre-insulated, fork type:				
43	- Wire section: 0.5 - 1.5 mm ²		pcs	100	
44	- Wire section: 1.5 - 2.5 mm ²		pcs	100	
	Cable ring: Tinned copper compression lug, ring type (core cross-section, mm²/hole diameter, mm):				
45	- 2.5 mm ² / M6 Stud Hole size		pcs	700	
46	- 4 mm ² / M10 Stud Hole size		pcs	250	
	Cable ring: Tinned copper, PVC pre-insulated, M6, screw				
47	- Wire section: 1.5 - 2.5 mm ²		pcs	200	
48	- Wire section: 2.5 - 4 mm ²		pcs	200	
	Cable lug: Tinned copper, non-insulated, M6, screw				



49	- Wire section: 6 mm ²		pcs	100	
50	- Wire section: 10 mm ²		pcs	100	
	Bolts & nuts (c/w flat washer, spring washer):				
51	- M10 x 40, SS316		set	1300	
52	- M6 x 35, SS316		set	4000	
53	- M6 x 25, SS316		set	300	
54	- M6 x 12, SS316		set	800	
	Cable marker/making				
55	- Set of Number 0-9 (3000 PCS PER EACH NUMBER)		SET	03	
56	- Set of Letter A-Z (3000 PCS PER EACH LETTER)		SET	03	
57	- Conventional symbol “-“		pcs	8500	
58	- Wire Marker holder: Polyvinyl dichloride elliptical cable length of 100mm suitable for above letter/number...		pcs	3000	
59	- Cable fastener: Polyamide, white colour, 4x140 mm, suitable for above Wire Marker holder		Pcs	6000	
60	- 316 SS material, 4 x 140 mm, plastic coated, suitable for items under - Carrier strip suitable for cable markers under: Stainless steel (SS316) material, Limited fire hazard. Size length x with: 128mmL x 10.3 mmW. (100 Pcs/Pack)		Pcs	3500	
61	- 12 digits/ letter carriers		Pack	05	
62	- 18 digits/ letter carriers		Pack	03	
63	- 30 digits/ letter carriers		Pack	02	
	I-BON PVC White Tubing: (200m for 01 set) - Size 3 mm (for cable size 1.0 mm ²) - Size 3.5 mm (for cable size 1.5 mm ²)				
64	- Size 3 mm (for cable size 1.0 mm ²)		set	01	
65	- Size 3.5 mm (for cable size 1.5 mm ²)		set	01	
	HEAT SHRINKABLE SLEEVE Cross Linked Polyolefin material, Suitable for low voltage, UV resistant, Flame retardant, Low smoke, IEC Standard size with detail size required as listed below. (1 Reel = 150m)				
66	- Size 3mm, Blue color suitable cable 1.0mm ² , 1.5mm ² , 2.5mm ²		Reel	02	
67	- Size 3mm, Red color suitable cable 1.0mm ² , 1.5mm ² , 2.5mm ²		Reel	02	



68	- Size 3mm, Black color suitable cable 1.0mm ² , 1.5mm ² , 2.5mm ²		Reel	02	
69	- Size 3mm, Grey color suitable cable 1.0mm ² , 1.5mm ² , 2.5mm ²		Reel	02	
	MISCELLANEOUS ITEMS				
70	- 1mW x2mL x2mmThk.Neoprene Rubber		pcs	50	
71	- Cable Tray/Ladder Edge Protector Sleeve		M	300	
72	- M10 x 40mm DIA x 35mm LG Earth boss C.S, c/w 316, S.S threaded studs, nuts & washers.		pcs	150	
73	- M6 x 25mm DIA x 35mm LG Earth boss C.S, c/w 316, S.S threaded studs, nuts & washers.		pcs	400	
	Electrical Insulating Sleeve Shoulder Washers, PTFE Material				
74	- for M10 Screw Size (pack 100 pcs)		pcs	10	
75	- for M6 Screw Size (pack 100 pcs)		pcs	48	
	Rubber Insulation Cable Grommet Bushing				
76	- for cable OD12mm~OD20mm		pcs	400	
77	- for cable OD20mm~OD30mm		pcs	200	
78	- for cable OD30mm~OD40mm		pcs	120	
	MISCELLANEOUS ITEMS / CONSTRUCTION MATERIALS				
79	- 1mW x2mL x2mmThk.Neoprene Rubber		Pcs	10	
80	Earthing Boss: ANSI 316SS Material, 40mm diameter,30mm high minimum c/w with Bolt M6, Nut, Washer and Spring Washer		Pcs	100	
	Shoulder Washer, Electrical-Insulating Sleeve				
81	- M6, Thk. 2 mm, PTFE Plastic, (pack 100 pcs)		pack	02	
82	- M8, Thk. 2 mm, PTFE Plastic, (pack 100 pcs)		pack	04	
	GROUP 2: CABLES				
	INSTRUMENT CABLES				



	<p>FLAME RETARDANT PAIR CABLES, INDIVIDUAL/ OVERALL SCREEN (PCS)</p> <ul style="list-style-type: none"> - Flame-retardant IEC 60332-3 Cat. A, Low Smoke emission IEC 61034, Halogen Free IEC 60754-1. - Resistant to oil, alkali and sunlight; - Suitable for marine, tropical condition IEC 60092-3; - Design and construction: IEC-60092-376; - Rated Voltage: 150/250V (300); - Conductor: Tinned annealed stranded copper wire as per IEC 60228, Class 2; - Insulation: EP-Rubber to IEC 60092-360; - Core: Color coded twisted pairs; - Individual/Overall Screen: Aluminum backed polyester tape with stranded copper drain wire; - Inner sheath: LSZH compound to IEC 60092-360; - Armor: Tinned cooper wire braid; - Outer sheath: Flame retardant to IEC 60332-3 Cat A, halogen free & mud resistant thermoset compound SHF Mud in accordance with NEK TS 606; - Outer color: GREY; <p>Size as below:</p>				
83	- 1P x 1.0 mm2		m	2600	
84	- 2P x 1.0 mm2		m	600	
85	- 12P x 1.0 mm2		m	1500	



	<p>FLAME RESISTANT PAIR CABLES, INDIVIDUAL/ OVERALL SCREEN (SIS)</p> <ul style="list-style-type: none"> - Flame-retardant IEC 60332-3 Cat. A, Low Smoke emission IEC 61034, Halogen Free IEC 60754-1. - Resistant to oil, alkali and sunlight; - Suitable for marine, tropical condition IEC 60092-3; - Design and construction: IEC-60092-376; - Rated Voltage: 150/250V (300); - Conductor: Tinned annealed stranded copper wire as per IEC 60228, Class 2; - Insulation: EP-Rubber to IEC 60092-360; - Core: Color coded twisted pairs; - Individual/Overall Screen: Aluminum backed polyester tape with stranded copper drain wire; - Inner sheath: LSZH compound to IEC 60092-360; - Armor: Tinned cooper wire braid; - Outer sheath: Flame retardant to IEC 60332-3 Cat A, halogen free & mud resistant thermoset compound SHF Mud in accordance with NEK TS 606; - Outer color: GREY; - Fire resistant layer: Fire resistant to IEC-60331; <p>Size as below:</p>				
86	- 1P x 1.0 mm2		m	2400	
87	- 2P x 1.0 mm2		m	1000	
88	- 12P x 1.0 mm2		m	900	



	INSTRUMENT CABLE FOR DIGITAL OUTPUT SIGNALS - Fire Resistance IEC 60331; Flame-retardant IEC 60332-3 Cat. A, Low Smoke emission IEC 61034, Halogen Free IEC 60754-1. - Resistant to oil, alkali and sunlight; - Suitable for marine, tropical condition IEC 60092-3; - Design and construction: IEC-60092-376; - Rated Voltage: 150/250V (300); - Construction: Tinned annealed stranded copper wire as per IEC 60228, Class 2; - Insulation: Mica/Glass Tape with EP-Rubber to IEC 60092-360; - Core: Color coded; - Overall Screen: Not Required; - Inner sheath: LSZH compound to IEC 60092-360; - Armor: Tinned cooper wire braid; - Outer sheath: Fire resistant IEC 60331, Flame retardant to IEC 60332-3 Cat A, Fire resistance as per IEC 60331, halogen free & mud resistant thermoset compound SHF Mud in accordance with NEK TS 606; - Outer color: BLACK; Size as below:				
89	- 2C x 1.5 mm2		m	1600	
90	- 24C x 1.5 mm2		m	2000	



	<p>CABLE FOR F&G SIGNALs (IEC-60331)</p> <ul style="list-style-type: none"> - Fire resistant IEC 60331, Flame-retardant IEC 60332- 3 Cat. A, Low Smoke emission IEC 61034, Halogen Free IEC 60754-1. - Resistant to oil, alkali and sunlight; - Suitable for marine, tropical condition IEC 60092-3; - Design and construction: IEC-60092-376; - Rated Voltage: 150/250V (300); - Conductor: Tinned annealed stranded copper wire as per IEC 60228, Class 2; - Insulation: Mica/Glass Tape with EP-Rubber to IEC 60092-360; - Core: Color coded twisted pairs; - Individual/Overall Screen: Aluminum backed polyester tape with stranded copper drain wire; - Inner sheath: LSZH compound to IEC 60092-360; - Armor: Tinned cooper wire braid; - Outer sheath: Fire resistant IEC 60331, Flame retardant to IEC 60332-3 Cat A, halogen free & mud resistant thermoset compound SHF Mud in accordance with NEK TS 606; - Outer color: RED Size as below: 				
91	- 1T x 1.0 mm2		m	2000	
92	- 12T x 1.0 mm2		m	500	
	<p>MODBUS RS485 CABLE FOR INTERFACE SIGNALS</p> <ul style="list-style-type: none"> - RS-485 (Modbus RTU, ANSI/TIA/EIA-485 Specification); Armored; - tinned copper conductor, - Overall foil shield with tinned copper drain wire plus tinned copper braid armour; - Flame retardant in accordance with IEC 60332-3. - Rated Voltage 150/250V (300). - SHF Mud Outer Sheath to NEK 606; - Comply with IEC 60092-370 for telecom/ data transfer cable offshore/marine - Size as below: 				
93	- 2P x 21 AWG		m	600	



103	- Vertical 90o external curve (WxH) 50 x 50 mm		Pcs	05	
104	- Vertical 90o internal curve (WxH) 50 x 50 mm		Pcs	05	
105	- Horizontal Tee (WxH) 100x50mm		Pcs	01	
	<p>CABLE LADDER Ladder, heavy duty, 316SS, thickness 2 mm, shall c/w: - Ladder cover, thickness 1mm; - Splice plate c/w bolts, nuts, washers; - Ladder cover clamp c/w bolts, nuts, washers (if applicable); - Ladder Earthing connection c/w bolts, nuts, washers; - Bracket, Bolts, nut & washers for mounting cable ladder on steel support; - All bolts, nuts and washers are self-locking type, SS316 material (Bidder to advise the q'ty, size suitable for installation as above)</p>				
106	- Straight element (WxHxL): 300 x 100 x 3000 mm		pcs	25	
107	- Straight element (WxHxL): 450 x 100 x 3000 mm		pcs	45	
108	- Straight element (WxHxL): 600 x 100 x 3000 mm		pcs	10	
109	- Plane elbow 90o, (WxH): 300 x 100 mm		pcs	05	
110	- Plane elbow 90o, (WxH): 450 x 100 mm		pcs	16	
111	- Plane elbow 90o, (WxH): 600 x 100 mm		pcs	08	
112	- Horizontal Tee (WxH): 300 x 100 mm		pcs	06	
113	- Horizontal Tee (WxH): 450 x 100 mm		pcs	08	
114	- Horizontal Tee (WxH): 600 x 100 mm		pcs	04	
115	- Reducer, (W1 x W2xH): 600 x 450 x 100mm		pcs	06	
116	- Reducer, (W1xW2xH): 600 x 300 x 100mm		pcs	04	
117	- Reducer, (W1xW2xH): 450 x 300 x 100mm		pcs	12	



GROUP 4: TUBING AND FITTINGS					
TUBING & FITTINGS					
All fittings shall be double compression type.					
118	- Tubing 3/8" OD x 0.035 x 6m, SS316		pcs	40	
119	- Tubing 1/2" OD x 0.035 x 6m, SS316		pcs	80	
120	- Tubing 1/2" OD x 0.065" x 6m, SS316		pcs	130	
121	- Tubing: 3/4" OD x 0.049WT x 6000 mm (L)		pcs	20	
122	- Female connector 1/2" NPT-F x 1/2" OD, SS316;		pcs	120	
123	- Male connector 1/2" NPT-M x 1/2" OD, SS316		pcs	160	
124	- Male connector 1/2" NPT-M x 3/8" OD, SS316		pcs	50	
125	- Male connector 3/4" NPT-M x 3/4" OD, SS316		pcs	08	
126	- Male connector 3/4" NPT-F x 3/4" OD, SS316		pcs	08	
127	- Tube union 1/2" x 1/2", SS316		pcs	220	
128	- Tube union 3/8" x 3/8", SS316		pcs	40	
129	- Tube union 3/4" x 3/4", SS316		pcs	20	
130	- Single tube clamp, black, 1/2"OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	210	
131	- Double tube clamp, black, 1/2"OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	120	
132	- Single tube clamp, black, 3/8" OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	40	
133	- Double tube clamp, black, 3/8" OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	20	
134	- Single tube clamp, black, 3/4" OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	20	
135	- Double tube clamp, black, 3/4" OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	10	
TUBING & FITTINGS for WHCP					
136	Tubing 1/4" OD -0.049"WT x 6m- SS316		pcs	50	
137	Tubing 1/4" OD -0.035"WT x 6m- SS316		pcs	80	
138	Tubing 1/2" OD -0.035"WTx 6m - SS316		pcs	30	
139	Tubing 3/8" OD-0.035"WT x 6m - SS316		pcs	150	



140	Tubing 1" OD -0.065"WT x 6m - SS316		pcs	12	
141	Union Straight 1/4"x1/4" OD - SS316		pcs	96	
142	Union Straight 3/8"x3/8" OD - SS316		pcs	180	
143	Union Straight 1/2"x1/2" OD - SS316		pcs	40	
144	Union Straight 1"x1" OD - SS316		pcs	12	
145	Union Tee 1/4" OD - SS316		pcs	12	
146	Union Tee 3/8" OD - SS316		pcs	30	
147	Reduce Union Tee 1"x1"x1/2" OD - SS316		pcs	18	
148	Connector 1/2"NPT-M x 1/4" OD - SS316		pcs	42	
149	Connector 1/2"NPT-M x 3/8" OD - SS316		pcs	70	
150	Connector 1/2"NPT-M x 1/2" OD - SS316		pcs	30	
151	Connector 1/2"NPT-F x 1/2" OD - SS316		pcs	10	
152	Connector 1/4"NPT-M x 1/4" OD - SS316		pcs	40	
153	Connector 1/4"NPT-M x 3/8" OD - SS316		pcs	03	
154	Plug 1" - SS316		pcs	03	
155	Plug 1/4" - SS316		pcs	03	
156	- Single tube clamp, black, 1"OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	10	
157	- Double tube clamp, black, 1"OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	06	
158	- Single tube clamp, black, 1/2"OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	30	
159	- Double tube clamp, black, 1/2"OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	15	
160	- Single tube clamp, black, 3/8" OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	110	
161	- Double tube clamp, black, 3/8" OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	70	
162	- Single tube clamp, black, 1/4" OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	110	
163	- Double tube clamp, black, 1/4" OD, polyamide; c/w bolts, nuts and mounting accessories, SS316		pcs	60	
164	- Ball valve 1/2" OD, SS316		pcs	30	



	TUBE AND FITTINGS FOR CHEMICAL INJECTION AND FOR DIESEL FUEL (FOR MSP8-BRIDGE-BK26)				
165	Seamless Tubing, 1/2in OD x 0.065in wall thickness, SS316		m	250	For chemical injection on BK26 (item 657-661)
166	Male Connector double compression type, 6000 Psig, SS316 size: 1/2" NPTM x 1/2" OD		pcs	60	
167	Female connector double compression type, 6000 Psig, SS316 size: 1/2" NPTF x 1/2" OD		pcs	100	
168	Tube Union, compression type connects fractional tube 1/2" OD wt 0.065", SS316		pcs	60	
169	Single tube clamp, black, for 1/2" OD tube, polyamide; c/w bolts, nuts and mounting accessories, SS316 as per manufacturer's standard		set	200	
170	Seamless Tubing, 3/4in OD x 0.065in wall thickness, SS316		m	250	For diesel fuel from MSP8 via bridge to BK26 for Steam Generator (item 662-666)
171	Male Connector double compression type, 6000 Psig, SS316 Size:3/4" NPTM x 3/4" OD		pcs	05	
172	Female connector double compression type, 6000 Psig, SS316 Size: 3/4" NPTF x 3/4" OD		pcs	05	
173	Tube Union, compression type connects fractional tube 3/4" OD wt 0.065", SS316		pcs	50	
174	Single tube clamp, black, for 3/4" OD tube, polyamide; c/w bolts, nuts and mounting accessories, SS316 as per manufacturer's standard		set	150	

