



## PROPOSAL DESKRIPSI DAN VOLUME PELAKSANAAN UPGRADING SP-1, SP-3, SP-4, SP-5 DAN PEMBANGUNAN PRODUCED & TREATED WATER TANK DI WTIP AREA JIRAK EOR PROJECT



NO	DESKRIPSI		UNIT	VOLUME		RANG & JASA	TOTAL (IDR)	KETERANGAN
1	PERSIAPAN PEKERJAAN				KDN (IDR)	KLN (IDR)		
1.1		SP-1	1	LOT	!			
	SP-3	SP-3	1	LOT	+			
	SP-4	SP-4	1	LOT	+ +			
	SP-5	SP-5	1	LOT	+ +			
	TANK (WTIP)	WTIP	1	LOT	+			
1.5	TAINK (WITE)	VVIIF	!	LOT	+			
2	ENGINEERING							
	ENGINEERING	ALL	1	LOT	T T			
	ENGINEERING	ALL	'	LOT	+ +			
3	BUILDING & SUPPORTING FACILITY							
	A. PANEL AND SOLAR CELL BUILDING							
3.1	SP-1							
	1. CIVIL WORK	SP-1	1	LOT	+ +			
	2. ELECTRICAL WORK	SP-1	1	LOT	+ +			
	3. INSTRUMENT WORK (RTU)	SP-1	1	LOT	+ +			
	3. INSTITUMENT WORK (ICTO)	01 -1	'	201	+ +			
	Remote Terminal Unit (RTU) Monitoring & Controlling Power supply 24 VDC IP 65 LCD Display Battery built in min. 7 days Able to communication with SCADA by Fiber Optic Complete with accessories for fiber optic communication I/O FOR RTU SP-1: AI:22, AO:6, DI:20, DO:6	SP-1	1	LOT				
	CD 2				1			
	SP-3	CD C	4	LOT	+			
	1. CIVIL WORK	SP-3	1	LOT	+ +			
-	2. ELECTRICAL WORK	SP-3	1	LOT	1			
	3. INSTRUMENT WORK (RTU)	SP-3	1	LOT	+			
	Remote Terminal Unit (RTU) Monitoring & Controlling Power supply 24 VDC IP 65 LCD Display Battery built in min. 7 days Able to communication with SCADA by Fiber Optic Complete with accessories for fiber optic communication	SP-3	1	LOT				
	SP-4							
	1. CIVIL WORK	SP-4	1	LOT				
	2. ELECTRICAL WORK	SP-4	1	LOT				
	3. INSTRUMENT WORK (RTU)	SP-4	1	LOT				
	Remote Terminal Unit (RTU) Monitoring & Controlling Power supply 24 VDC IP 65 LCD Display Battery built in min. 7 days Able to communication with SCADA by Fiber Optic Complete with accessories for fiber optic communication I/O FOR RTU SP-4: Al:3, AO:0, DI:15, DO:4	SP-4	1	LOT				
	SP-5							
	1. CIVIL WORK	SP-5	1	LOT				
	2. ELECTRICAL WORK	SP-5	1	LOT				
	3. INSTRUMENT WORK (RTU)	SP-5	1	LOT				
	Remote Terminal Unit (RTU) Monitoring & Controlling Power supply 24 VDC IP 65 LCD Display Battery built in min. 7 days Able to communication with SCADA by Fiber Optic Complete with accessories for fiber optic communication I/O FOR RTU SP-4: Al:13, AO:3, Dl:16, DO:4	SP-5	1	LOT				
	<del></del>				+			
			<u> </u>	<u> </u>	+ +		<u> </u>	<u>!</u>
3.2	B. GUARD HOUSE							
	SP-1							
	1. CIVIL WORK	SP-1	1	LOT				
	2. ELECTRICAL WORK	SP-1	1	LOT				
	<del>-</del>							

SPS							 	
1. CON, WORK	SD 3							
2   SECTIONAL WORK		SP-3		1	LOT			
COMPANDED   SP4   1								
COMPANDED   SP4   1								
2 - SECTION WORK								
SPG   1								
1. DOT   DOT   DOT	Z. ELECTRICAL WORK	01-4		'	LOT			
### DESCRIPTION AGENTY    1	SP-5							
1								
Section   Sect	2. ELECTRICAL WORK	SP-5		1	LOT			
ALL PRODUCTION MANIFOLD   SP-1   1	4 PRODUCTION FACILITY							
SP-1		DLD						
2. INSTRUMENT WORK	SP-1							
NELET MANIFOLD   SP-1								
PR G 191 DOT   SP-1		SP-1		1	LOT			
PC-197-001		SD 1		1	ΕΛ			
PS-110.001								
MPG-689-A011	PG-155-001	SP-1		1	EA			
### RAPER MANIFOLD  ### PG-SF1-002  ### PG-SF1-003  ### PG-SF1-003  ### PG-SF1-004  ### PG-SF1-003  ### PG-SF2-003  ### PG-SF2				1				
PG-SP1-001   SP1   1		SP-1		1	EA			
PG-SF1-002		SD-1		1	FΔ			
PG-SP1-003								
TGTW-SP-001								
TG/TWS/P1-033		SP-1			EA		 	
SP-1   1   EA   EA								
S. PPING WORK   SP-1   1   LOT								
SP-3								
1. CONT. WORK	5.1 II II VO VVOININ			•	201			
RISTRUMENT WORK								
HEADER MANIFOLD   SP-3								
PO-117-001		SP-3		1	LOT			
PO-178-001   SP-3		SP-3		1	FΔ			
SP-4				-				
1. CIVIT. WORK	3. PIPING WORK	SP-3		1	LOT			
1. CIVIT. WORK								
NINTERMANIPOLD		SD 4	_	1	LOT			
MILET MANIFOLD   SP-4				-				
PG-028-001   SP-4   1   EA				-	201			
MEADER MANIFOLD				1				
PG-SP4-001   SP-4	I I	SP-4		1	EA			
PG-SR4-002   SP-4		SD 4	_	1	ΓΛ			
PG-SP4-003								
TG/TW-SP4-003   SP-4   1								
TG/TW-SP4-003		SP-4		1	EA			
TG/TW-SP4-004   SP-4   1								
S. PIPING WORK								
SP-5		_						
1. CIVIL WORK   SP-5								
2. INSTRUMENT WORK   SP-5								
INLET MANIFOLD								
PG-225-001   SP-5		. SP-5	'	1	LOI			
HEADER MANIFOLD		SP-5		1	EA			
PG-SP5-001	PG-078B-001			1	EA			
PG-SP5-002								
TG/TW-SP5-001   SP-5								
TG/TW-SP5-002   SP-5								
TG/TW-SP5-003 SP-5 1 EA 3. PIPING WORK SP-5 1 LOT  4.2 B. INJECTION MANIFOLD SP-1 1. CIVIL WORK SP-1 1 LOT 2. INSTRUMENT WORK SP-1 1 LOT  SUBMANIFOLD PG-SP1-001 SP-1 1 EA PT-SP1-001 SP-1 1 EA PT-SP1-001 SP-1 1 EA PG-043-003 SP-1 1 EA PG-044-003 SP-1 1 EA PG-044-003 SP-1 1 EA PG-076-003 SP-1 1 EA PG-076-0001 SP-1 1 EA								
A.2   B. INJECTION MANIFOLD   SP-1	TG/TW-SP5-003	SP-5		1	EA			
SP-1	3. PIPING WORK	SP-5		1	LOT		 	<del>-</del>
SP-1	42 R IN IECTION MANUFOLE							
1. CIVIL WORK 2. INSTRUMENT WORK SP-1 1 LOT SUBMANIFOLD PG-SP1-001 SP-1 1 EA PT-SP1-001 SP-1 1 EA OUTLET SUBMANIFOLD PG-100-003 SP-1 1 EA PG-043-003 SP-1 1 EA PG-044-003 SP-1 1 EA PG-076-000 SP-1 1 EA PG-076-001 SP-1 1 EA FCV-044-001 SP-1 1 EA FCV-096-001 SP-1 1 EA FIT-094-001 SP-1 1 EA FIT-109-001 SP-1 1 EA		1	T					
SUBMANIFOLD   PG-SP1-001   SP-1   1   EA	1. CIVIL WORK			1	LOT			
PG-SP1-001         SP-1         1         EA           PT-SP1-001         SP-1         1         EA           OUTLET SUBMANIFOLD           PG-040-003         SP-1         1         EA           PG-043-003         SP-1         1         EA           PG-044-003         SP-1         1         EA           PG-193-003         SP-1         1         EA           PG-076-003         SP-1         1         EA           FCV-100-001         SP-1         1         EA           FCV-043-001         SP-1         1         EA           FCV-044-001         SP-1         1         EA           FCV-193-001         SP-1         1         EA           FCV-193-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-044-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA								
PT-SP1-001         SP-1         1         EA           OUTLET SUBMANIFOLD           PG-100-003         SP-1         1         EA           PG-100-003         SP-1         1         EA           PG-044-003         SP-1         1         EA           PG-193-003         SP-1         1         EA           PG-076-003         SP-1         1         EA           FCV-100-001         SP-1         1         EA           FCV-043-001         SP-1         1         EA           FCV-044-001         SP-1         1         EA           FCV-193-001         SP-1         1         EA           FCV-976-001         SP-1         1         EA           FIT-00-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-044-001         SP-1         1         EA <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
OUTLET SUBMANIFOLD           PG-100-003         SP-1         1         EA           PG-043-003         SP-1         1         EA           PG-044-003         SP-1         1         EA           PG-193-003         SP-1         1         EA           PG-076-003         SP-1         1         EA           FCV-100-001         SP-1         1         EA           FCV-043-001         SP-1         1         EA           FCV-044-001         SP-1         1         EA           FCV-193-001         SP-1         1         EA           FCV-076-001         SP-1         1         EA           FIT-100-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           FIT-040-001         SP-1         1         EA           FIT-040-001         SP-1         1         EA           PIT-040-001         SP-1         1         EA <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
PG-100-003         SP-1         1         EA           PG-043-003         SP-1         1         EA           PG-044-003         SP-1         1         EA           PG-193-003         SP-1         1         EA           PG-076-003         SP-1         1         EA           FCV-100-001         SP-1         1         EA           FCV-043-001         SP-1         1         EA           FCV-044-001         SP-1         1         EA           FCV-193-001         SP-1         1         EA           FCV-076-001         SP-1         1         EA           FIT-100-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-044-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-1076-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-1040-001         SP-1         1			+	1	LA			
PG-044-003         SP-1         1         EA           PG-193-003         SP-1         1         EA           PG-076-003         SP-1         1         EA           FCV-100-001         SP-1         1         EA           FCV-043-001         SP-1         1         EA           FCV-044-001         SP-1         1         EA           FCV-978-001         SP-1         1         EA           FIT-100-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-045-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA           PIT-193-001         SP-1         1			$\dashv$	1	EA			
PG-193-003       SP-1       1       EA         PG-076-003       SP-1       1       EA         FCV-100-001       SP-1       1       EA         FCV-043-001       SP-1       1       EA         FCV-93-001       SP-1       1       EA         FCV-076-001       SP-1       1       EA         FIT-100-001       SP-1       1       EA         FIT-043-001       SP-1       1       EA         FIT-193-001       SP-1       1       EA         FIT-193-001       SP-1       1       EA         FIT-076-001       SP-1       1       EA         FIT-1076-001       SP-1       1       EA         PIT-100-001       SP-1       1       EA         PIT-043-001       SP-1       1       EA         PIT-044-001       SP-1       1       EA         PIT-044-001       SP-1       1       EA         PIT-193-001       SP-1       1       EA         PIT-193-001       SP-1       1       EA         PIT-193-001       SP-1       1       EA								_
PG-076-003         SP-1         1         EA           FCV-100-001         SP-1         1         EA           FCV-043-001         SP-1         1         EA           FCV-044-001         SP-1         1         EA           FCV-193-001         SP-1         1         EA           FCV-076-001         SP-1         1         EA           FIT-100-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-044-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           PIT-100-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA								
FCV-100-001         SP-1         1         EA           FCV-043-001         SP-1         1         EA           FCV-044-001         SP-1         1         EA           FCV-193-001         SP-1         1         EA           FCV-076-001         SP-1         1         EA           FIT-100-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-044-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           PIT-100-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA								
FCV-043-001         SP-1         1         EA           FCV-044-001         SP-1         1         EA           FCV-193-001         SP-1         1         EA           FCV-076-001         SP-1         1         EA           FIT-100-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-044-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           PIT-100-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA								
FCV-044-001         SP-1         1         EA            FCV-193-001         SP-1         1         EA            FCV-076-001         SP-1         1         EA            FIT-100-001         SP-1         1         EA            FIT-043-001         SP-1         1         EA            FIT-193-001         SP-1         1         EA            FIT-076-001         SP-1         1         EA            PIT-100-001         SP-1         1         EA            PIT-043-001         SP-1         1         EA            PIT-193-001         SP-1         1         EA            PIT-193-001         SP-1         1         EA	FCV-043-001						 	
FCV-076-001         SP-1         1         EA           FIT-100-001         SP-1         1         EA           FIT-043-001         SP-1         1         EA           FIT-044-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           PIT-100-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA	FCV-044-001							
FIT-100-001       SP-1       1       EA         FIT-043-001       SP-1       1       EA         FIT-044-001       SP-1       1       EA         FIT-193-001       SP-1       1       EA         FIT-076-001       SP-1       1       EA         PIT-100-001       SP-1       1       EA         PIT-043-001       SP-1       1       EA         PIT-044-001       SP-1       1       EA         PIT-193-001       SP-1       1       EA								
FIT-043-001         SP-1         1         EA           FIT-044-001         SP-1         1         EA           FIT-193-001         SP-1         1         EA           FIT-076-001         SP-1         1         EA           PIT-100-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA								
FIT-044-001         SP-1         1         EA         1         EA<								
FIT-193-001         SP-1         1         EA         1         1         EA         1							 	
PIT-100-001         SP-1         1         EA           PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA	FIT-193-001					-		
PIT-043-001         SP-1         1         EA           PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA								
PIT-044-001         SP-1         1         EA           PIT-193-001         SP-1         1         EA								
PIT-193-001 SP-1 1 EA								
PIT-076-001 SP-1 1 EA				1				

PG-100-001	SP-1	1	EA			
PG-043-001	SP-1	1	EA			
PG-044-001	SP-1	1	EA			
PG-193-001	SP-1	1	EA			
PG-076-001	SP-1	1	EA			
PG-100-002	SP-1	1	EA			
PG-043-002	SP-1	1	EA			
PG-044-002	SP-1	1	EA			
PG-193-002	SP-1	1	EA			
PG-076-002	SP-1	1	EA			
PRV-100-001	SP-1	1	EA			
PRV-043-001	SP-1	1	EA			
PRV-044-001	SP-1	1	EA			
PRV-193-001	SP-1	1	EA			
PRV-076-001	SP-1	1	EA			
3. PIPING WORK	SP-1	1	LOT			
		-				
SP-3						
1. CIVIL WORK	SP-3	1	LOT			
2. INSTRUMENT WORK	SP-3	1	LOT			
SUBMANIFOLD	0. 0	•		+		
PG-SP3-001	SP-3	1	EA			
PT-SP3-001	SP-3	1	EA	<del>                                     </del>		
OUTLET SUBMANIFOLD	0, 0	'	L/\			
PG-180-003	SP-3	1	EA			
PG-170-003	SP-3	1	EA			
FCV-180-001	SP-3	1	EA	<del>                                     </del>		
FCV-170-001	SP-3	1	EΑ	<del>                                     </del>		
FIT-180-001	SP-3	1	EΑ	<del>                                     </del>		
FIT-170-001	SP-3	1	EΑ			
PIT-180-001	SP-3	1	EΑ	<del>                                     </del>		
PIT-170-001	SP-3	1	EA	<del>                                     </del>		
PG-180-001	SP-3	1	EA	<del>                                     </del>		
PG-170-001	SP-3	1	EA	<del>                                     </del>		
PG-180-002	SP-3	1	EA			
PG-170-002	SP-3	1	EA			
PRV-180-001	SP-3	1	EA			
PRV-170-001	SP-3	1	EA			
3. PIPING WORK	SP-3	1	LOT			
SP-5						
1. CIVIL WORK	SP-5	1	LOT			
2. INSTRUMENT WORK	SP-5	1	LOT			
SUBMANIFOLD						
PG-SP5-001	SP-5	1	EA			
PT-SP5-001	SP-5	1	EA			
OUTLET SUBMANIFOLD						
PG-166-003	SP-5	1	EA			
PG-181-003	SP-5	1	EA			
PG-IW.02-003	SP-5	1	EA			
FCV-166-001	SP-5	1	EA			
FCV-181-001	SP-5	1	EA			
FCV-IW.02-001	SP-5	1	EA			
FIT-166-001	SP-5	1	EA			
FIT-181-001	SP-5	1	EA	+		
FIT-IW.02-001	SP-5	1	EA	<del>                                     </del>		
PIT-166-001	SP-5	1	EA	<del>                                     </del>		
PIT-181-001	SP-5	1	EA			
PIT-IW.02-001	SP-5	1	EA			
3. PIPING WORK	SP-5	1	LOT	<del>                                     </del>		
J. I II ING WORK	01 0			<del>                                     </del>		
4.3 C. TANKS						
C.1 PRODUCTION TEST TANK			1	<u> </u>		
SP-1						
	CD 4	1	LOT	<del>                                     </del>		
1. CIVIL WORK 2. MECHANICAL WORK	SP-1 SP-1	1	LOT LOT	<del>                                     </del>		-
3. INSTRUMENT WORK	SP-1	1	LOT	<del>                                     </del>		
3. INSTRUMENT WORK	3P-1	I	LUI	<del>                                     </del>		
Coriolis Flow Meter FT-201-001	CD 4	4	F ^	<del>                                     </del>		
ON TANK	SP-1	1	EA			
UI-201-001	00.4	4	EA			
	SP-1	1				
LT-201-001	SP-1	1	EA			
CHH 304 004	OD 4		<b>□</b> ^		i i	-
LSHH-201-001	SP-1	1	EΑ			
LSLL-201-001	SP-1	1	EA			
LSLL-201-001 BV-201-001						
LSLL-201-001 BV-201-001 OULET TANK	SP-1 SP-1	1	EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001	SP-1	1	EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS	SP-1 SP-1 SP-1	1 1	EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A	SP-1 SP-1 SP-1 SP-1	1 1 1	EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A PSHL-201-001B	SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1	EA EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A PSHL-201-001B PSHL-201-001C	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1	EA EA EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A PSHL-201-001B PSHL-201-001C PG-201-001A	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1	EA EA EA EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A PSHL-201-001B PSHL-201-001C PG-201-001B PG-201-001B	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1	EA EA EA EA EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A PSHL-201-001B PSHL-201-001C PG-201-001B PG-201-001B PG-201-001B	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A PSHL-201-001B PSHL-201-001C PG-201-001A PG-201-001B PG-201-001C	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A PSHL-201-001B PSHL-201-001C PG-201-001A PG-201-001B PG-201-001C HS-201-001B	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA EA EA EA			
LSLL-201-001 BV-201-001 OULET TANK PDI-201-001 PUMPS PSHL-201-001A PSHL-201-001C PG-201-001A PG-201-001B PG-201-001C HS-201-001C HS-201-001C	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA EA EA EA			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001C	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001C  HS-201-001A  HS-201-001A  HS-201-001B  HS-201-001B  HS-201-001B  HS-201-001C  FIT-211-001  RO-201-001	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001C  HS-201-001A  HS-201-001A  HS-201-001B  HS-201-001B  HS-201-001C  FIT-211-001  RO-201-001  4. PIPING WORK	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001C  HS-201-001C  HS-201-001A  HS-201-001B  HS-201-001B  HS-201-001C  FIT-211-001  RO-201-001  4. PIPING WORK	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001C  HS-201-001C  HS-201-001C  SP-3  1. CIVIL WORK  2. MECHANICAL WORK	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001C  HS-201-001C  HS-201-001A  HS-201-001B  HS-201-001B  HS-201-001C  FIT-211-001  RO-201-001  4. PIPING WORK  SP-3  1. CIVIL WORK  2. MECHANICAL WORK  3. INSTRUMENT WORK	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001C  PG-201-001A  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001A  PG-201-001C  HS-201-001A  PG-201-001C  HS-201-001A  HS-201-001B  HS-201-001C  FIT-211-001  RO-201-001  4. PIPING WORK  SP-3  1. CIVIL WORK  2. MECHANICAL WORK  INLET TANK	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001A  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001C  HS-201-001A  PG-201-001C  HS-201-001A  SP-3  1. CIVIL WORK  2. MECHANICAL WORK  INLET TANK  Coriolis Flow Meter FT-204-001	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001A  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001A  PG-201-001A  PG-201-001A  HS-201-001B  AB-201-001B  HS-201-001B  HS-201-001C  FIT-211-001  RO-201-001  4. PIPING WORK  SP-3  1. CIVIL WORK  2. MECHANICAL WORK  INLET TANK  Coriolis Flow Meter FT-204-001  ON TANK	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001A  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001C  HS-201-001A  PG-201-001C  HS-201-001A  HS-201-001B  ABS-201-001C  FIT-211-001  RO-201-001  4. PIPING WORK  SP-3  1. CIVIL WORK  2. MECHANICAL WORK  3. INSTRUMENT WORK  INLET TANK  Coriolis Flow Meter FT-204-001  ON TANK  LI-T-001	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			
LSLL-201-001  BV-201-001  OULET TANK  PDI-201-001  PUMPS  PSHL-201-001A  PSHL-201-001B  PSHL-201-001A  PG-201-001B  PG-201-001B  PG-201-001C  HS-201-001C  HS-201-001A  PG-201-001A  PG-201-001A  HS-201-001B  AB-201-001B  HS-201-001B  HS-201-001C  FIT-211-001  RO-201-001  4. PIPING WORK  SP-3  1. CIVIL WORK  2. MECHANICAL WORK  INLET TANK  Coriolis Flow Meter FT-204-001  ON TANK	SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1 SP-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA E			

LSHH-001-001	SP-3	1	EA			
LSLL-001-001	SP-3	1	EA			
BV-T-001	SP-3	1	EA			
OULET TANK	01 3	'	LA			
	CD 3	4	ΓΛ			
PDI-001-001	SP-3	1	EA			
PUMPS						
PSHL-202-001A	SP-3	1	EA			
PSHL-202-001B	SP-3	1	EA			
PSHL-202-001C	SP-3	1	EA			
PG-202-001A	SP-3	1	EA			
PG-202-001B	SP-3	1	EA			
PG-202-001C	SP-3	1	EA			
HS-202-001A	SP-3	1	EA			
HS-202-001B	SP-3	1	EA			
HS-202-001C	SP-3	1	EA			
FIT-212-001	SP-3	1	EA			
RO-202-001	SP-3	1	EA			
4. PIPING WORK	SP-3	1	LOT			
SP-4						
1. CIVIL WORK	SP-4	1	LOT			
			_			
2. MECHANICAL WORK	SP-4	1	LOT			
3. INSTRUMENT WORK	SP-4	1	LOT			
INLET TANK						
Coriolis Flow Meter FT-202-001	SP-4					
ON TANK						
LI-202-001	SP-4	1	EA			
LT-202-001	SP-4	1	EA		1	
LSHH-202-001	SP-4	1	EA		<del>                                     </del>	
LSLL-202-001	SP-4	1	EA	<del>                                     </del>	<del>-  </del>	
BV-202-001						
	SP-4	1	EA			<u> </u>
OULET TANK			<b>_</b>	<b> </b>		
PDI-202-001	SP-4	1	EA			
PUMPS						
PSHL-203-001A	SP-4	1	EA			
PSHL-203-001B	SP-4	1	EA			
PG-203-001A	SP-4	1	EA			
PG-203-001B	SP-4	1	EA			
HS-203-001A	SP-4	1	EA			
HS-203-001B	_					
	SP-4	1	EA			
FIT-213-001	SP-4	1	EA			
RO-203-001	SP-4	1	EA			
4. PIPING WORK	SP-4	1	LOT			
SP-5						
1. CIVIL WORK	SP-5	1	LOT			
2. MECHANICAL WORK	SP-5	1	LOT			
3. INSTRUMENT WORK	SP-5	1	LOT			
INLET TANK	35-3	'	LOT			
	00.5					
Coriolis Flow Meter FT-206-001	SP-5	1	EA			
ON TANK						
LI-203-001	SP-5	1	EA			
LT-203-001	SP-5	1	EA			
LSHH-203-001	SP-5	1	EA			
LSLL-203-001	SP-5	1	EA			
BV-203-001	SP-5	1	EA			
OULET TANK	- 0. 0	· ·				
PDI-203-001	SP-5	1	EA			
	3F-0	Į.	EA			
PUMPS						
PSHL-204-001A	SP-5	1	EA			
PSHL-204-001B	SP-5	1	EA			
PG-204-001A	SP-5	1	EA			
PG-204-001B	SP-5	1	EA			
HS-204-001A	SP-5	1	EA			
HS-204-001B	SP-5	1	EA			
FIT-214-001	SP-5	1	EA		<del> </del>	
RO-204-001	SP-5	1	EA		<del></del>	
4. PIPING WORK	SP-5	1	LOT		+	
T. I II ING WORK	0r-0	ı	LUI			
C 2 DDODUCED WATER TANK						<u> </u>
C.2 PRODUCED WATER TANK	14/715					
1. CIVIL WORK	WTIP	1	LOT			
2. MECHANICAL WORK	WTIP	1	LOT			
C.3 TREATED WATER TANK						
1. CIVIL WORK	WTIP	1	LOT			
2. MECHANICAL WORK	WTIP	1	LOT			
					1	
4.4 D. PACKAGES						
D.1 DEG FOAM PACKAGE						
	- CD 4	4	LOT			
1. DEG FOAM PACKAGE SP-1	SP-1	1	LOT			
2. DEG FOAM PACKAGE SP-3	SP-3	1	LOT			
3. DEG FOAM PACKAGE SP-4	SP-4	1	LOT			
4. DEG FOAM PACKAGE SP-5	SP-5	1	LOT			
D.2 FOAM PACKAGE	1	1	LOT			
D.2 FOAM PACKAGE	SP-1		_	<del>                                     </del>	<del> </del>	
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1		1	LOT			•
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3	SP-3	1	LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4	SP-3 SP-4	1 1	LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3	SP-3	1				
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5	SP-3 SP-4	1 1	LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5	SP-3 SP-4 SP-5	1 1 1	LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5  5 CIVIL  1. CIVIL WORK SP-1	SP-3 SP-4 SP-5 SP-1	1 1 1	LOT LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5	SP-3 SP-4 SP-5	1 1 1	LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5  5 CIVIL  1. CIVIL WORK SP-1	SP-3 SP-4 SP-5 SP-1	1 1 1	LOT LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5  5 CIVIL  1. CIVIL WORK SP-1  2. CIVIL WORK SP-3	SP-3 SP-4 SP-5 SP-1 SP-3	1 1 1 1	LOT LOT LOT LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5  5 CIVIL  1. CIVIL WORK SP-1  2. CIVIL WORK SP-3  3. CIVIL WORK SP-4	SP-3 SP-4 SP-5 SP-1 SP-3 SP-4	1 1 1 1 1 1	LOT LOT LOT LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5  5 CIVIL  1. CIVIL WORK SP-1  2. CIVIL WORK SP-3  3. CIVIL WORK SP-4  4. CIVIL WORK SP-5	SP-3 SP-4 SP-5 SP-1 SP-3 SP-4	1 1 1 1 1 1	LOT LOT LOT LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5   CIVIL  1. CIVIL WORK SP-1  2. CIVIL WORK SP-3  3. CIVIL WORK SP-4  4. CIVIL WORK SP-5	SP-3 SP-4 SP-5 SP-1 SP-3 SP-4 SP-5	1 1 1 1 1 1	LOT LOT LOT LOT LOT LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5  5 CIVIL  1. CIVIL WORK SP-1  2. CIVIL WORK SP-3  3. CIVIL WORK SP-4  4. CIVIL WORK SP-5  6 ELECTRICAL SYSTEM  1. ELECT. SYSTEM SP-1	SP-3 SP-4 SP-5 SP-1 SP-3 SP-4 SP-5	1 1 1 1 1 1 1	LOT LOT LOT LOT LOT LOT LOT			
D.2 FOAM PACKAGE  1. FOAM PACKAGE SP-1  2. FOAM PACKAGE SP-3  3. FOAM PACKAGE SP-4  4. FOAM PACKAGE SP-5   CIVIL  1. CIVIL WORK SP-1  2. CIVIL WORK SP-3  3. CIVIL WORK SP-4  4. CIVIL WORK SP-5	SP-3 SP-4 SP-5 SP-1 SP-3 SP-4 SP-5	1 1 1 1 1 1	LOT LOT LOT LOT LOT LOT			

3. ELECT. SYSTEM SP-4	
7 NSTRUMENT SYSTEM (EXCLUDE FIELD INSTRUMENT)  1. INSTRUMENT CABLES  1.P.,1.Ssqmm CUPVC/G/S/SWAPVC-FRD  2.P.,1.Ssqmm CUPVC/G/S/SWAPVC-FRD  5.P.,1.Ssqmm CUPVC/G/S/SWAPVC-FRD  5.P.,1.Ssqmm CUPVC/G/S/SWAPVC-FRD  5.P.,1.Ssqmm CUPVC/G/S/SWAPVC-FRD  5.P.,1.Ssqmm CUPVC/G/S/SWAPVC-FRD  5.P.,1.Ssqmm CUPVC/G/S/SWAPVC-FRD  6. 10P,1.Ssqmm CUPVC/G/S/SWAPVC-FRD  7. 200 M  7. 20	
1. INSTRUMENT SYSTEM SP-1	
1. INSTRUMENT SYSTEM SP-1	
INSTRUMENT CABLES   1P,1.5sgmm CUPVC/IOS/SWA/PVC-FRD   SP-1   1000   M   2P,1.5sgmm CUPVC/IOS/SWA/PVC-FRD   SP-1   200   M   SP,1.5sgmm CUPVC/IOS/SWA/PVC-FRD   SP-1   150   M   SP,1.5sgmm CUPVC/IOS/SWA/PVC-FRD   SP-1   200   M   SP,1.5sgmm CUPVC/IOS/SWA/PVC-FRD   SP-1   200   M   SP,1.5sgmm CUPVC/IOS/SWA/PVC-FRD   SP-1   250   M   SP,1.5sgmm CUPVC/IS/IOS/SWA/PVC-FRD   SP-1   Sp,1.5sgmm CUPVC/IS/IOS/SWA/PVC-FRD   SP,1.5sgmm CUPVC/IS	
P1.5sqmm CU/PVC/OS/SWA/PVC-FRD   SP-1   200   M	
SP-1, Issgmm CU/PVC/OS/SWA/PVC-FRD   SP-1   150   M	
10P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD   SP-1   200   M	
20P.1.5sqmm CU/PVC/IS/OS/SWA/PVC-FRD   SP-1   250   M	
Grounding Cable	
Cable Gland Double Seal, Stainless Steel316SS NPT Threaded Type Suitable for Steel Wire Armour Ex-d( Ex proof type) C/W Shroud  M20  M25  M25  SP-1  M32  SP-1  M30  SP-1  Fa A  M30  Cable Lug  for 16 AWG wire, Copper Tined Coated Ring Type, c/w isolation 100 ea/pack  For 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
Double Seal, Stainless Steel316SS NPT Threaded Type Suitable for Steel Wire Armour Ex-d (Ex proof type) C/W Shroud  M20 SP-1 M25 SP-1 9 EA M32 SP-1 5 EA M30 M50 SP-1 7 EA  Cable Lug  for 16 AWG wire, Copper Tined Coated Ring Type, c/w isolation 100 ea/pack SP-1 For 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack SP-1  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
NPT Threaded Type Suitable for Steel Wire Armour Ex-d (Ex proof type) C/W Shroud  M20  M25  M25  SP-1  M32  SP-1  SP-1  For 16 AWG wire, Copper Tined Coated Ring Type, c/w isolation 100 ea/pack  For 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  SP-1  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
Ex-d( Ex proof type) C/W Shroud   M20	
M20	
M25	
M32 SP-1 5 EA M50 SP-1 7 EA  Cable Lug  for 16 AWG wire, Copper Tined Coated Ring Type, c/w isolation 100 ea/pack  for 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  SP-1  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
M50 Cable Lug  for 16 AWG wire, Copper Tined Coated Ring Type, c/w isolation 100 ea/pack  for 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
Cable Lug  for 16 AWG wire, Copper Tined Coated Ring Type, c/w isolation 100 ea/pack  for 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  SP-1  Fack  Fack  Pack  Pa	
for 16 AWG wire, Copper Tined Coated Ring Type, c/w isolation 100 ea/pack  for 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  Real  Pack	
Ring Type, c/w isolation 100 ea/pack  for 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  Real  Pack  SP-1   SP-1   Figure 3 A Back  SP-1  SP-1  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
Ring Type, c/w isolation 100 ea/pack  for 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  Real  Pack Pack  Pack  Pack  Pack  Pack  Pack  Pack  SP-1   SP-1   SP-1  Find Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
for 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  4 Pack Pack Pack Pack  SP-1   Find Wrap Sp-1  SP-1  Find Wrap Sp-1  SP-1  Find Wrap Sp-1  SP-1  SP-1  Find Wrap Sp-1  SP-1  Find Wrap Sp-1  SP-1	
Pin Type, c/w isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  14  Pack Pack  Pack  Pack  Pack  Pack  Pack  SP-1  SP-1   Tour Marker for 16 AWG, Non-Shrinkable PVC Tube SP-1  SP-1  Fack  Pack	
Pin Type, c/w isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  1 Pack Pack Pack Pack  SP-1  SP-1  Fack Pack Pack Pack Pack Pack Pack Pack P	
Pin Type, C/W Isolation 100 ea/pack  Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  SP-1	
Wire Marker for 16 AWG, Non-Shrinkable PVC Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  Roll  SP-1  For incomparison of the strength of the properties of the	
Tube White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  Roll  SP-1  Roll  SP-1	
White Color 20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  Roll  SP-1  SP-1	
20M/Roll  Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  Tie Wrap, Nylon, UV Resistent, Black Color,	
Plate 316SS, 25 Digits c/w Tie Wrap 316SS Identification on the marker shall be engraved with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack  FA  EA	
with cable number shown on the drawing  SP-1  Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
SP-1 Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
Tie Wrap, Nylon, UV Resistent, Black Color, 100ea/pack	
100ea/pack	
258mm   SP-1   3   Pack	
358mm SP-1 1 Pack	
Tie Wrap, Coated Stainless Steel, 200mm	
SP-1 1 Pack	
PVC Tape, PVC Black Color 2M/Roll, 19mm 3 Roll	
SP-1	
Insulation PVC Tube, PVC, Protection Tube for Shiled Wire, 20M/Roll, 1.5mm 3 Roll	
Shiled Wire, 20M/Roll, 1.5mm  3 Roll  SP-1	
Grounding Rod, Copper Clad Steel, Sharp End	
c/w Coupling, 18mm dia. x 3000 mm	
SP-1	
Split Bolt Connector, Copper Double Type c/w	
Accessories	
16mm2 x 35mm2 SP-1 2 EA	
35mm2 x 95mm2 SP-1 30 EA Grounding Bar, Copper c/w isolator 10mm thk,	
316SS Machine Bolt & Nut, 300mmL x 50mmW x	
8mmThk	
SP-1	
Grounding Lug, Copper Tin Coated, Clamp Type	
SP-1	
18mm2 SP-1 30 EA	
35mm2 SP-1 7 EA	
Grounding Clamp, Copper c/w Accessories	
19mm Rod x 35 mm2 (Double type)	
SP-1 2 EA	
19mm Rod x 35 mm2 (Triple type)	
SP-1 1 EA	
Grounding Well, Concrete, 400x400x400x100	
SP-1	
Grounding Well Cover, Material: Steel	
Plate/Checkered Plate HDG, C/W Grounding Marker 316SS, Red Color Engraved Letter 3 EA	
Marker 316SS, Red Color Engraved Letter 3 EA (100x100x2 thk), 350x350x6 thk	
SP-1	
Cable Route Marker 316 SS, Engraved with Red	
Color Symbol, c/w steel anchor bar 100 length &	
installed on concrete foundation,	
100mmx100mmx1.2mm thk	
Chart Daint	
> Start Point SP-1 2 EA	
<-  90 Corner point	
<> Straight Point SP-1 2 EA	
Straight Perforated Tray c/w Cover, Cover Clamp	
& Accessories, Material: Steel Plate (2mm thk)	
Finish: HDG Coating Thick: 65 Micron	
50W X 50H X 3000L SP-1 22 EA	

	Coupling Plate (For perforated cable tray type)							
	c/w Hex head bolt, nut & spring washer 304SS, Material: Steel Plate (2mm thk) Finish: hot dip							
	galvanized, Coating thickness: 65 Micron, 13W X		30	SET				
	45H X 95L		30	SLI				
		SP-1						
	Stanchion c/w Base plate, rib plate and cover top							
	plate Material:C arbon steel sch40, Finish: Hot							
	dip galvanized, 2" x 1500L		20	EA				
		CD 4						
	Steel Channel, Material: Carbon steel Finish: Hot	SP-1						
	dip galvanized 5500 length/Ea, 100mm x 50mm							
	6mm thk		4	EA				
		SP-1						
	Steel Equal Angle, Material: Carbon steel Finish:							
	Hot dip galvanized 5500 length/Ea 50mm x		5	EA				
	50mm 6mm thk		3	LA				
		SP-1						
	Expansion Bolt, Material: Galvanized Expansion	SP-1	92	EA				
	Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL		40	EA				
	Expansion type c/w washer ivio x 40mmc	SP-1	13	EA				
	Steel Conduit Material: Carbon steel Finish: HDG	3F-1						
	3000 Length/Ea 1/2"		4	EA				
	3	SP-1		_, .				
	Conduit Clamp Material: Carbon steel Finish:	-	40					
	HDG ½"	SP-1	13	EA	<u></u>	<u> </u>	<u> </u>	<u> </u>
	Round Head Bolt & Nut Material: Galvanized	SP-1	110	EA				
	Protection Tile Red cement c/w instrument letter	SP-1	301	EA				
	Machine Bolt & Nut Material: Galvanized							
	Expansion type c/w washer M8 x 40mmL	CD 1	4	EA				
<del>     </del>	Tube Seamless Annealed Stainless Steel Tube	SP-1				<del>                                     </del>		
	ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT		70	M				
	7.0	SP-1	70	l IVI				
	Tube Plug 316SS ½" OD	SP-1	12	EA				
	Male Connector Double Ferrule, Compression	-						
	Type, SS316 1/2" OD x 1/2" NPTM		19	EA				
		SP-1						
	Female Connector Double Ferrule, Compression		3	EA				
	Type, SS316 ½" OD	SP-1	3	LA				
	Union Connector Double Ferrule, Compression		11	EA				
	Type, SS316 ½" OD	SP-1						
	Union Tee Double Ferrule, Compression Type, SS316 ½" OD	SP-1	11	EA				
	Needle Valve A182-F316 3000L 316SS-TR-	3P-1						
	STEM ½" OD	SP-1	23	EA				
	Tube Clamp (Single Type) SS304 For Tube	01 1						
	Support ½" OD	SP-1	23	EA				
	Tube Clamp (Double Type) SS304 For Tube		_					
	Support ½" OD	SP-1	1	EA				
	Front Ferrule 316 SS ½" OD	SP-1	11	EA				
	Back Ferrule 316 SS ½" OD	SP-1	11	EA				
	JUNCTION BOX	00.4		0==				
-	JB-AS-001	SP-1	1	SET				
-	JB-AS-002 JB-AS-003	SP-1 SP-1	1	SET SET				
<b></b>	JB-AS-003 JB-DS-001	SP-1	1	SET				
	JB-DS-002	SP-1	1	SET				
	V2 2 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0_:				
	2. INSTRUMENT SYSTEM SP-3	SP-3	1	LOT				
	INSTRUMENT CABLES							
	1P,1.5sqmm CU/PVC/IS/SWA/PVC-FRD	SP-3	450	M				
	2P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD	SP-3	200	M				
	5P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD	SP-3	200	M		-	<del> </del>	ļ
$\vdash$	10P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD	SP-3		M		1		
$\vdash$	20P,1.5sqmm CU/PVC/IS/OS/SWA/PVC-FRD Grounding Cable	SP-3 SP-3	300 400	M M				
<del>     </del>	Cable Gland	JF <b>-</b> J	400	IVI	1	1		
	Cable Gland Double Seal, Stainless Steel316SS			ĺ				
	NPT Threaded Type							
	Suitable for Steel Wire Armour							
	Ex-d( Ex proof type) C/W Shroud							
	M20	SP-3	38	EA				
	M25	SP-3	-	EA				
$\vdash$	M32	SP-3	9	EΑ		1		
-	M50 Cable Lug	SP-3	7	EA		1		
<del>     </del>	Capie Lug				1	+	1	
	for 16 AWG wire, Copper Tined Coated			_				
1	Ring Type, c/w isolation		2	Pack				
	100 ea/pack	SP-3		L		<u>L</u>		<u> </u>
	for 16 AWG wire, Copper Tined Coated		2	Pack				
	Pin Type, c/w isolation	05 -	_	. 45%				
	100 ea/pack	SP-3		1		1		<u> </u>
	Wire Marker for 16 AWG, Non-Shrinkable PVC Tube			ĺ				
	White Color		2	Roll				
	20M/Roll	SP-3		ĺ				
	Cable Marker 100Lx12W,	5, 5						
	Plate 316SS, 25 Digits c/w Tie Wrap 316SS			ĺ				
	Identification on the marker shall be engraved			ĺ				
	with cable number shown on the drawing		22	EA				
				ĺ				
		SP-3		ĺ				
		UF-U		<u> </u>	]	<u> </u>	<u> </u>	<u>l</u>
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To Virgo NAMA, UP RESPONDED CADO.   597.3   197.5						 
State	Tie Wrap, Nylon, UV Resistent, Black Color,	27.2				
Siderian   Siderian   Sideria (200m)   Siderian   Sid	·		2	Dook		
The Warp, Calcan Districtions Study, Tothers   Serial   Prof. Tipo., Prof. Black Calcan Science (1975)   Serial   Prof. Black Calcan Science (1975)   Serial Calcan Calcan Calcan Science (1975)   Serial Calcan						
PVC Type, PVC Stack Out 28 MPU, 1 Service		<b>U</b> . U	•			
Section   PoC Tates   PoC   Procedor Table for Section		SP-3	-	Раск		
Beauties PFC Table yPFC Personal Table for Shell y Mine	PVC Tape, PVC Black Color 2M/Roll, 19mm	0D 0	2	Roll		
Shites Wise, SUMMAND, Emerican States. Shape Pade vici Coupums. Bernard but SOLO miles.  Generating Control, Copper Double Type Civil.  Generating Company Copper Double Type Civil.  Growth Solo Copper Civil.  Growth Solo Copper Double Type Civil.  Growth Solo Copper Civil.  Growth Gro	Insulation PVC Tube PVC Protection Tube for	SP-3				
Grounding Mod. Compete Card Steel. Sharp Final Or Counting. Name As ASSECTION   SP-3   10   EA   ASSECTION   SP-3			2	Roll		
Secretary   Secr	, ,	SP-3	_			
Spit Soil Controctor, Copper Orazia Type o'N						
Spit Not Connection Copper Datable Type Colv. Accommodition of Control Copper Control Copper Control Copper Copper Colv. Stance 2, 664-10 Stan	c/w Coupling, 18mm dia. x 3000 mm		10	EA		
### Accessories	Cally Daly Connector Connect Dauble Time also	SP-3				
Service 2 stormor   Service   Serv						
Service A (Stormer of the collabor (treen Pix. Service A (Stormer)) (service Collabor (treen Pix. Service Collabor (treen		SP-3	2	EA		
STISS Michine fold a Nut. 300mml x Schmidt x			19			
Security	• • • • • • • • • • • • • • • • • • • •					
Second   S			1	EA		
Second Content   Seco	OMMITTIK	CD 2				
18mm2	Grounding Lug. Copper Tip Coated, Clamp Type	3P-3				
Service   Serv	Crounding Edg, Copper Tim Codica, Clamp Type	SP-3				
Strong Roof a Strong (Double type)   SP-3   2   EA	18mm2		19	EA		
16mm Rout x 30 mm2 (Poulde type)		SP-3	11	EA		
19mm Rod x 35 mmz (Trple type)	Grounding Clamp, Copper c/w Accessories					
19mm Rod x 35 mmz (Trple type)	10mm Rod v 25 mm2 (Double type)					
Second Second Content	ranini rod x 30 minz (Double type)	SP-3	2	EA		
SP-3   1	19mm Rod x 35 mm2 (Triple type)	J. J				
Grounding Well Cover, Material: Street Pitter/Christoper Plant HDR, CW Governor Material: Street Pitter/Christoper Plant HDR, CW Governor Material: Street Pitter/Christoper Plant HDR, CW Governor Material: Street Color Symbol, cive steel anchor fair 100 length & installed on concrete from understain; 100mms (Corman Jamin tak installed on concrete from tak installed preformed Tray on Covern Covern Covern SP-3 1 EA  Stratiglia Plent SP-3 1 EA		SP-3	1	ΕA		
Structured yelfor Charter Material Struct Patter Charter Plates (Patter Charter) Reference (100-1000z Phl.), 300-50x9 phl.  Cable Rouse Marker 316 SS, Engressed with Red Color Symbol, etc. etcel and active for 100 langth & Installed on concrete North Charter Information Charter Structure (100-100 langth & Installed on concrete North Charter Information Charter Structure (100-100 langth & Installed on concrete North Charter Information Charter Structure (100-100 langth & Installed on concrete North Charter Information Charter Structure (100-100 langth & Installed Pattern Charter Structure (100-100 langth & Installed Pattern Charter Structure (100-100 langth) Information Charter (100-100 langth) Information Charte	Grounding Well, Concrete, 400x400x400x100		3	FA		
Plate/Checkerory Plate HDS, CAM Grounding Marker 1968, Red Corp. Engraved Letter (100-1002 fth), 350-550-6 fth.	Crounding Well Cover Metals Co	SP-3		ļ·		
Marker 3168S, Rod Color Engraved Latter (100x100z Pol., 300x50x50x6 Pix  Cable Rouse Marker 316 SS, Engraved with Red Color Symbol, ow steel anchor bar 100 length & installed on concrete foundation, 100mm/c100mm/c100mm/c100mm 100mm/c100mm/c100mm 100mm/c100mm/c100mm/c100mm 100mm/c100m						
(100x100x2 bxs, 350x560x5 bth.  Cable Route Mariner's 115 St. Engraved with Red Color Symbol, clv steel anchor by an 100 length & installed on concrete foundation, 100 min 10	Marker 316SS, Red Color Engraved Letter		3	EA		
Cable Rouse Marker 31s SS, Engraved with Red Color Symbol, or water and enchor bar 100 length & installed on concrete foundation, 100mm/s100mm/s100mm/s10mm/s100mm/s10mm	(100x100x2 thk), 350x350x6 thk		-			
Color Symbol, cive steel another bas 100 length & installed on concrete foundation, 100mms 100mms 100mms 12mm tilt.		SP-3				
Installed on concrete foundation, 100mmx (00mmx (2mm this						
100mmx102mmx12mmtk						
SP-3						
SP-3						
Straight Periorit   SP-3	> Start Point	SP-3	1	EA		
Second   S			1			
Straight Perforated Tray c'w Cover. Cover. Clamp & Accessories, Material: Steel Plate (2mm thx)			-			
8. Accessories, Material: Steel Plate (Zmm thk) Finish: PLOG Coating Thick: 65 Micron    SP-3		SP-3	1	EA		
Since   Finish: HDG   Coating Thick: 65 Micron   Since   Sin						
100W X 50H X 3000L   SP-3   - EA						
100W X 50H X 3000L   SP-3   - EA						
100W X 50H X 3000L   SP-3   - EA						
Coupling Plate (For perforated cable tray type) of when head bolt, nut & spring weather 304S, Material Steel Plate (Zom this) Finish: hot dip galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion of Base plate, fib plate and cover top plate Materials Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Canal, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x  50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion  Machine Bolt & Nut Material: CS Galvanized Expansion type of washer Max Admmnl.  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 12"  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 12"  Sp-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 12"  Sp-3  Round Head Bolt & Nut Material: Calvanized Sp-3  Frotection Tile Red cement c/w instrument letter Sp-3  Tubs Spanniess Annealed Stanitess Steel Tube ASTM Azelo T 316, SS316 L1/2" OD x 0.049 WT  Tubs Plug 316SS 3" OD  Male Connector Double Ferrule, Compression Type, SS316 L1/2" OD x 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 L1/2" OD x 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 L1/2" OD x 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 L1/2" OD x 1/2" NPTM			5			
Coupling Plate (For perforated cable tray type) of where head bott, unit & spring washer 304SS, Material: Stoel Plate (2mm this) Finish: hot dip galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion o'w Base plate, fib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  Sp-3  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thix  Sp-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thix  Sp-3  Expansion Bott, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thix  Sp-3  Expansion Bott, Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Round Head Bolt & Nut Material: Galvanized 59-3  Round Head Bolt & Nut Material: Galvanized 59-3  Round Head Bolt & Nut Material: Galvanized 59-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2" OD x 0.049 WT Sp-3  Tube Plug 316SS X" OD x 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM			- 3			
c/w Hex head bolt, nut & spring washer 304S, Material: Steel Plate (Zmm thk). Finish: hot dip galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L.  Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L.  SP-3  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized S500 length/Ea, 100mm x 50mm fmm thk  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion  Machine Bolt & Nut Material: Carbon steel Finish: HDG 3000 Length/Ea 172"  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 172"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 172"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 172"  SP-3  FeA  Protection Tile Red cement c/w materials 4 y dmmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316 L 1/2"OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD  Male Connector Double Ferrule, Compression Type, SS316 172" OD x 1/2" MPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 172" OD x 1/2" MPTM  Female Connector Double Ferrule, Compression Type, SS316 172" OD x 1/2" MPTM  Female Connector Double Ferrule, Compression Type, SS316 172" OD x 1/2" MPTM  Female Connector Double Ferrule, Compression Type, SS316 172" OD x 1/2" MPTM  Female Connector Double Ferrule, Compression Type, SS316 172" OD x 1/2" MPTM  Female Connector Double Ferrule, Compression Type, SS316 172" OD x 1/2" MPTM		01 0	3	LA		
galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  Sp-3  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  Sp-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  Sp-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  Sp-3  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 500 length/Ea 50mm x 50mm 6mm thk  Sp-3  Expansion bolt, Material: Carbon steel Finish: Hot dip galvanized Expansion type c/w washer M8 x 40mmL  Sp-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Sp-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Sp-3  Conduit Clamp Material: Carbon steel Finish: HDG 3/2 EA  Protection Tile Red cement c/w instrument letter  Sp-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316 L 1/2*OD x 0.049 WT  Sp-3  Tube Plug 316SS ½" OD  Material Connector Double Ferrule, Compression Type, SS316 1/2" OX 1/2" NPTM  Sp-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OX 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 1/2" OX 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 1/2" OX 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 1/2" OX 1/2" NPTM	c/w Hex head bolt, nut & spring washer 304SS,					
Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-3  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion SP-3 48 EA  Expansion type c/w washer M8 x 40mmL SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Round Head Bolt & Nut Material: Galvanized SP-3 41 EA  Protection Tile Red cement c/w instrument letter SP-3 110 EA  Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL SP-3  Tube Seamless Annesled Stainless Steel Tube ASTM A289 T 316, SS316L 1/2"OD x 0.049 WT  SP-3 8 EA  Tube Plag 316SS ½" OD SP-3 8 EA  Female Connector Double Ferrule, Compression Type, SS316 12" OD x 12" NPTM SP-3  Female Connector Double Ferrule, Compression Type, SS316 12" OD x 12" NPTM SP-3						
Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel Finish: Hot dip galvanized, 2" x 1500L  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion SP-3  Expansion Bolt & Nut Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 4  Round Head Bolt & Nut Material: Galvanized SP-3  Round Head Bolt & Nut Material: Galvanized SP-3  Protection Tile Red cement c/w instrument letter Matchine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A268 T 316, SS316. 1/2"OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM			16	SET		
Stanchion c/W Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2' x 1500L  SP-3  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Steel Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Touch Length/Ea 1/2 SP-3  Touch Lamp Material: Carbon steel Finish: SP-3  Touch Lamp Material: Carbon steel Finish: SP-3  Touch Lamp Material: Carbon steel Finish: SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316 L1/2' OD x 0.049 WT  Tube Plug 316S ½' OD  Male Connector Double Ferrule, Compression  Type, SS316 1/2' OD x 1/2' NPTM  SP-3  Female Connector Double Ferrule, Compression  Type, SS316 1/2' OD x 1/2' NPTM  SP-3  Female Connector Double Ferrule, Compression  Part Steel Connector Double Ferrule, Compression  SP-3  Female Connector Double Ferrule, Compression  Part Steel Connector Double Ferrule, Compression  SP-3  Female Connector Double Ferrule, Compression  Part Steel Connector Double Ferrule, Compression  SP-3  Female Connector Double Ferrule, Compression	4011 X 30L					
Stanchion c/W Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2' x 1500L  SP-3  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Steel Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Touch Length/Ea 1/2 SP-3  Touch Lamp Material: Carbon steel Finish: SP-3  Touch Lamp Material: Carbon steel Finish: SP-3  Touch Lamp Material: Carbon steel Finish: SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316 L1/2' OD x 0.049 WT  Tube Plug 316S ½' OD  Male Connector Double Ferrule, Compression  Type, SS316 1/2' OD x 1/2' NPTM  SP-3  Female Connector Double Ferrule, Compression  Type, SS316 1/2' OD x 1/2' NPTM  SP-3  Female Connector Double Ferrule, Compression  Part Steel Connector Double Ferrule, Compression  SP-3  Female Connector Double Ferrule, Compression  Part Steel Connector Double Ferrule, Compression  SP-3  Female Connector Double Ferrule, Compression  Part Steel Connector Double Ferrule, Compression  SP-3  Female Connector Double Ferrule, Compression		SP-3				
dip galvanized, 2" x 1500L  SP-3  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm gmm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm fmm thk  SP-3  Expansion Bolf, Material: Galvanized Expansion  Machine Bolf & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Steel Conduit Clamp Material: Carbon steel Finish: HDG 300 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3°  Round Head Bolf & Nut Material: Galvanized SP-3  Round Head Bolf & Nut Material: Galvanized SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316, 1/2" OD x 0.049 WT  Tube Plug 316SS ½" OD  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression  Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression	Stanchion c/w Base plate, rib plate and cover top	<b>U</b> . U				
Steel Channel, Material: Carbon steel Finish: Hot dip galwanized 5500 length/Ea, 100mm x 50mm 6mm thk  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galwanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galwanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galwanized Expansion SP-3 48 EA  Machine Bolt & Nut Material: CS Galwanized Expansion type c/w washer M8 x 40mmL  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: SP-3  Round Head Bolt & Nut Material: Galwanized SP-3  Protection Tile Red cement c/w instrument letter SP-3  Machine Bolt & Nut Material: Galwanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316 L1/2" OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM	plate Material:C arbon steel sch40, Finish: Hot					
Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion SP-3 48 EA  Machine Bolt & Nut Material: CS Galvanized Expansion Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL.  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Round Head Bolt & Nut Material: Galvanized SP-3 41 EA Protection Tile Red cement c/w instrument letter SP-3 110 EA Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2" OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD SP-3 8 EA  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM	dip galvanized, 2" x 1500L		11	EA		
Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion SP-3 48 EA  Machine Bolt & Nut Material: CS Galvanized Expansion Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL.  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2'  SP-3  Round Head Bolt & Nut Material: Galvanized SP-3 41 EA Protection Tile Red cement c/w instrument letter SP-3 110 EA Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2" OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD SP-3 8 EA  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM		00.0				
dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-3  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3°  Round Head Bolt & Nut Material: Galvanized SP-3  Protection Tile Red cement c/w instrument letter SP-3  Machine Bolt & Nut Material: Calvanized SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM	Steel Channel Material: Carbon steel Finish: Het	SP-3				
Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-3  Expansion Bolt, Material: Galvanized Expansion Machine Bolt & Nut Material: Carbon steel Finish: Expansion type c/w washer M8 x 40mmL  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG %"  Round Head Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Round Head Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2" OD x 0.049 WT  Tube Plug 316SS ½" OD  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM SP-3  Female Connector Double Ferrule, Compression						
Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk			2	EA		
Hot dip galvanized 5500 length/Ea 50mm x		SP-3				
SP-3						
SP-3  Expansion Bolt, Material: Galvanized Expansion  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG 3/2"  Round Head Bolt & Nut Material: Galvanized SP-3  Protection Tile Red cement c/w instrument letter SP-3  Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  Tube Plug 316SS ½" OD SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM SP-3  Female Connector Double Ferrule, Compression			2	EA		
Expansion Bolt, Material: Galvanized Expansion   SP-3   48   EA	Somili Omili uik	SP-3				
Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG %"  SP-3  Conduit Clamp Material: Carbon steel Finish: HDG %"  Round Head Bolt & Nut Material: Galvanized SP-3 41 EA SP-3 110 EA SP-3 SP-3 110 EA SP-3 SP-3 SP-3 SP-3 SP-3 SP-3 SP-3 SP-3	Expansion Bolt, Material: Galvanized Expansion		48	EA		
SP-3   Steel Conduit Material: Carbon steel Finish: HDG   3000 Length/Ea 1/2"   2 EA   SP-3				<del></del>		
Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG ½"  Round Head Bolt & Nut Material: Galvanized SP-3 41 EA Protection Tile Red cement c/w instrument letter SP-3 110 EA Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL SP-3 EA SP-3 EA SP-3 Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT SP-3 EA SP-3 EA SP-3 EA SP-3 SP-3 SP-3 SP-3 SP-3 SP-3 SP-3 SP-3	Expansion type c/w washer M8 x 40mmL		11	EA		
SP-3	00.10	SP-3		1		
SP-3  Conduit Clamp Material: Carbon steel Finish: HDG ½"  Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  Tube Plug 316SS ½" OD  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression  Female Connector Double Ferrule, Compression			2	FΔ		
Conduit Clamp Material: Carbon steel Finish: HDG ½" SP-3 Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL SP-3 Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT Tube Plug 316SS ½" OD SP-3 Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM SP-3 Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM SP-3 Female Connector Double Ferrule, Compression	5555 Longuirea 1/2	SP-3	2	EA		
HDG ½"  Round Head Bolt & Nut Material: Galvanized SP-3 41 EA  Protection Tile Red cement c/w instrument letter SP-3 110 EA  Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  Tube Plug 316SS ½" OD SP-3 8 EA  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM SP-3  Female Connector Double Ferrule, Compression SP-3	Conduit Clamp Material: Carbon steel Finish:		7	F.		
Protection Tile Red cement c/w instrument letter  Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD  SP-3  Remale Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression	HDG ½"					
Machine Bolt & Nut Material: Galvanized Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD  SP-3  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression  SP-3  Female Connector Double Ferrule, Compression  SP-3  Female Connector Double Ferrule, Compression						
Expansion type c/w washer M8 x 40mmL  SP-3  Tube Seamless Annealed Stainless Steel Tube     ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD  SP-3  Male Connector Double Ferrule, Compression     Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression  Type, SS316 Type Seamles Annealed Stainless Steel Tube     ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  SP-3  EA  EA  EA  SP-3  EA  Female Connector Double Ferrule, Compression  3  EA		SP-3	110	EA		
SP-3			4	FΔ		
Tube Seamless Annealed Stainless Steel Tube ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT  SP-3  Tube Plug 316SS ½" OD  SP-3  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression 3  Female Connector Double Ferrule, Compression	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SP-3	•	-,		
SP-3						
Tube Plug 316SS ½" OD SP-3 8 EA  Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM 10 EA  Female Connector Double Ferrule, Compression  3 EA	ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT	05	44	M		
Male Connector Double Ferrule, Compression Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression 3  FA	Tubo Blue 24699 1/7 OD		0	F ^		
Type, SS316 1/2" OD x 1/2" NPTM  SP-3  Female Connector Double Ferrule, Compression  3  FA		or-3	ŏ	EA		
SP-3 SP-3 Female Connector Double Ferrule, Compression			10	EA		
		SP-3				
Type, SS316 ½″ OD SP-3 5 2.1			3	EA		
	ıype, SS316 ½" OD	SP-3				

				•		1	
	Union Connector Double Ferrule, Compression Type, SS316 ½" OD	SP-3	7	EA			
	Union Tee Double Ferrule, Compression Type,	SP-3				1	
	SS316 ½" OD	SP-3	7	EA			
	Needle Valve A182-F316 3000L 316SS-TR-	0.00	14	EA			
	STEM ½" OD Tube Clamp (Single Type) SS304 For Tube	SP-3					
	Support ½" OD	SP-3	17	EA			
	Tube Clamp (Double Type) SS304 For Tube		1	EA			
	Support ½" OD Front Ferrule 316 SS ½" OD	SP-3 SP-3	7	EA		1	
	Back Ferrule 316 SS ½" OD	SP-3	7	EA		+	
	JUNCTION BOX	J. J	•				
	JB-AS-01	SP-3	1	SET			
	JB-DS-03 JB-DS-04	SP-3 SP-3	<u>1</u> 1	SET SET			
	3. INSTRUMENT SYSTEM SP-4	SP-4	1	LOT		†	
	INSTRUMENT CABLES						
	1P,1.5sqmm CU/PVC/IS/SWA/PVC-FRD	SP-4 SP-4	150 150	M M			
	2P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD 5P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD	SP-4 SP-4	100	M		+	
	10P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD	SP-4	-	M			
	20P,1.5sqmm CU/PVC/IS/OS/SWA/PVC-FRD	SP-4	100	M			
	Grounding Cable	SP-4	200	M		1	
	Cable Gland Double Seal, Stainless Steel316SS						
	NPT Threaded Type						
	Suitable for Steel Wire Armour						
	Ex-d( Ex proof type) C/W Shroud M20	SP-4	14	EA			
	M25	SP-4	-	EA		1	
	M32	SP-4	5	EA			
	M50	SP-4	3	EA			
	Cable Lug						
	for 16 AWG wire, Copper Tined Coated		2	Pack			
	Ring Type, c/w isolation	05.4	۷	I aun			
$\vdash$	100 ea/pack	SP-4					
	for 16 AWG wire, Copper Tined Coated		_	D- 1			
	Pin Type, c/w isolation		2	Pack			
	100 ea/pack	SP-4					
	Wire Marker for 16 AWG, Non-Shrinkable PVC Tube						
	White Color		2	Roll			
	20M/Roll	SP-4					
	Cable Marker 100Lx12W, Plate 316SS, 25 Digits c/w Tie Wrap 316SS						
	Identification on the marker shall be engraved						
	with cable number shown on the drawing		15	EA			
		SP-4					
	Tie Wrap, Nylon, UV Resistent, Black Color,	3F-4				+	
	100ea/pack	SP-4					
	258mm	SP-4	2	Pack			
	358mm Tie Wrap, Coated Stainless Steel, 200mm	SP-4	1	Pack			
	Tie Wrap, Goaled Glaimess Gleer, 200mm	SP-4	-	Pack			
	PVC Tape, PVC Black Color 2M/Roll, 19mm		2	Roll			
	Insulation PVC Tube, PVC, Protection Tube for	SP-4		TOII		ļ	
	Shiled Wire, 20M/Roll, 1.5mm		2	Roll			
	, , , , , , , , , , , , , , , , , , , ,	SP-4	_	1.0			
	Grounding Rod, Copper Clad Steel, Sharp End						
	c/w Coupling, 18mm dia. x 3000 mm	SP-4	10	EA			
	Split Bolt Connector, Copper Double Type c/w	JF-4					
	Accessories	SP-4					
	16mm2 x 35mm2	SP-4	2	EΑ			
	35mm2 x 95mm2 Grounding Bar, Copper c/w isolator 10mm thk,	SP-4	9	EA	1	1	
	316SS Machine Bolt & Nut, 300mmL x 50mmW x		4	E^			
	8mmThk		1	EA			
	Grounding Lug, Copper Tin Coated, Clamp Type	SP-4		<u> </u>		1	
	Grounding Lug, Copper Till Coated, Clamp Type						
	18mm2	SP-4	9	EA			
	35mm2	SP-4	1	EA			
	Grounding Clamp, Copper c/w Accessories	SP-4					
	19mm Rod x 35 mm2 (Double type)	J1 4		F.		1	
		SP-4	2	EA			
	19mm Rod x 35 mm2 (Triple type)	CD 4	1	EA			
	Grounding Well, Concrete, 400x400x400x100	SP-4			1	1	
		SP-4	3	EA			
	Grounding Well Cover, Material: Steel						
	Plate/Checkered Plate HDG, C/W Grounding Marker 316SS, Red Color Engraved Letter		•				
1 1	(100x100x2 thk), 350x350x6 thk		3	EA			
	(100x100x2 tilk), 350x350x0 tilk						
	(100x100x2 tilk), 330x330x0 tilk	SP-4					
	Cable Route Marker 316 SS, Engraved with Red	SP-4					
	Cable Route Marker 316 SS, Engraved with Red Color Symbol, c/w steel anchor bar 100 length &	SP-4					
	Cable Route Marker 316 SS, Engraved with Red	SP-4					
	Cable Route Marker 316 SS, Engraved with Red Color Symbol, c/w steel anchor bar 100 length & installed on concrete foundation, 100mmx100mmx1.2mm thk	-					
	Cable Route Marker 316 SS, Engraved with Red Color Symbol, c/w steel anchor bar 100 length & installed on concrete foundation,	SP-4 SP-4 SP-4	1 2	EA EA			

(407.0		1				ī
<-/ 135 Corner Point <> Straight Point	SP-4 SP-4	- 1	EA EA			
Straight Perforated Tray c/w Cover, Cover Clamp	OI -4	ı	LA			
& Accessories, Material: Steel Plate (2mm thk)						
Finish: HDG Coating Thick: 65 Micron						
50W X 50H X 3000L	SP-4	5	EA			
100W X 50H X 3000L	SP-4	4	EA			
200W X 50H X 3000L  Coupling Plate (For perforated cable tray type)	SP-4	2	EA			
c/w Hex head bolt, nut & spring washer 304SS,						
Material: Steel Plate (2mm thk) Finish: hot dip						
galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L		10	SET			
45H A 95L						
	SP-4					
Stanchion c/w Base plate, rib plate and cover top						
plate Material:C arbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L						
dip galvanized, 2 x 1500L		4	EA			
	SP-4					
Steel Channel, Material: Carbon steel Finish: Hot						
dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk		2	EA			
Ciniii aik	SP-4					
Steel Equal Angle, Material: Carbon steel Finish:						
Hot dip galvanized 5500 length/Ea 50mm x		2	EA			
50mm 6mm thk	SP-4					
Expansion Bolt, Material: Galvanized Expansion	SP-4	22	EA	<del>                                     </del>		
Machine Bolt & Nut Material: CS Galvanized					İ	
Expansion type c/w washer M8 x 40mmL	CD 4	7	EA			
Steel Conduit Material: Carbon steel Finish: HDG	SP-4	<u> </u>		<del>                                     </del>		
3000 Length/Ea 1/2"		2	EA			
	SP-4					
Conduit Clamp Material: Carbon steel Finish: HDG ½"	SP-4	7	EA			
Round Head Bolt & Nut Material: Galvanized	SP-4	50	EA			
Protection Tile Red cement c/w instrument letter	SP-4	200	EA			
Machine Bolt & Nut Material: Galvanized						
Expansion type c/w washer M8 x 40mmL	SP-4	-	EA			
Tube Seamless Annealed Stainless Steel Tube	OI -4					
ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT		18	М			
Tule Phys 04000 (4% OD	SP-4					
Tube Plug 316SS ½" OD  Male Connector Double Ferrule, Compression	SP-4	3	EA			
Type, SS316 1/2" OD x 1/2" NPTM		2	EA			
	SP-4					
Female Connector Double Ferrule, Compression Type, SS316 ½" OD	SP-4	2	EA			
Union Connector Double Ferrule, Compression	5P-4					
Type, SS316 ½" OD	SP-4	2	EA			
Union Tee Double Ferrule, Compression Type,		2	EA			
SS316 ½" OD  Needle Valve A182-F316 3000L 316SS-TR-	SP-4					
STEM 1/2" OD	SP-4	6	EA			
Tube Clamp (Single Type) SS304 For Tube	-	4	EA			
Support ½" OD	SP-4	4	LA			
Tube Clamp (Double Type) SS304 For Tube Support ½" OD	SP-4	1	EA			
Front Ferrule 316 SS ½" OD	SP-4	2	EA			
Back Ferrule 316 SS ½" OD	SP-4	2	EA			
JUNCTION BOX  JB-DS-05	SP-4	1	SET	<del>                                     </del>		
4. INSTRUMENT SYSTEM SP-5	SP-4 SP-5	1	LOT	+ + +	<del>-  </del>	
INSTRUMENT CABLES						
1P,1.5sqmm CU/PVC/IS/SWA/PVC-FRD	SP-5	550	M			
2P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD 5P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD	SP-5 SP-5	150 150	M M	<del>                                     </del>	<del></del>	
10P,1.5sqmm CU/PVC/OS/SWA/PVC-FRD	SP-5 SP-5	150	M	<del>                                     </del>	<del> </del>	
20P,1.5sqmm CU/PVC/IS/OS/SWA/PVC-FRD	SP-5	250	M		1	
Grounding Cable	SP-5	400	M			
Cable Gland					T	
Double Seal, Stainless Steel316SS NPT Threaded Type						
Suitable for Steel Wire Armour						
Ex-d( Ex proof type) C/W Shroud						
M20 M25	SP-5	44	EΑ			
M25 M32	SP-5 SP-5	9	EA EA	<del>                                     </del>		
M50	SP-5	3	EA			
Cable Lug						
for 16 AWG wire, Copper Tined Coated						
Ring Type, c/w isolation		2	Pack			
100 ea/pack	SP-5					
for 40 ANA/O miss On The LOCK A					<u> </u>	
for 16 AWG wire, Copper Tined Coated Pin Type, c/w isolation		2	Pack			
100 ea/pack	SP-5			<u> </u>	[	
Wire Marker for 16 AWG, Non-Shrinkable PVC						
Tube White Color		2	Roll			
20M/Roll	SP-5					
	<b>~</b>	•		î l	I	<u> </u>

Pear   3168, 35 Fig. 16 at 7 to Wing   31685							
International on the moderal challed be displayed and locker worker and large water and larg	Cable Marker 100Lx12W,						
with coalise number seasons of the charactery  1 to varie physics, 107 Reacteroid, Place Econs,  389 5  1 to Varie, Custed Statement States Coors,  380 5  1 to Varie, Custed Statement States, 200 7 to 10							
Tile Vergn, Nyster, UV Feststerin, Black Cook, 100-early 2			30	EΔ			
Texture System. V Mocastonic Book Color.   100mos/sch.   100mos/sch.   20mmos   50			30	LA			
Texture System. V Mocastonic Book Color.   100mos/sch.   100mos/sch.   20mmos   50							
100eaptast		SP-5					
256mm							
SSSNIM   Peach   Pea		SD 5	2	Pack			
The Wine, Coarsed Standards Standa							
Post		0. 0	'				
Insulation PVC Tube, PVC, Procedion Tube for Orbited Vine, 2007/RML, Tubrus 1975.  Shield Vine, 2007/RML, Tubrus 1975.  Charles Revision PVC, Caper Datable Span, 10 PA		SP-5	-	Pack			
Briedwise Pietr Table Pietr Processor Tude for Shries Wite; 2000/861, 12-10.  Shries Wite; 2000/861, 12-10.  Grounding Red, Cooper Claud Savet. Sharp End on Chrounding Red, Cooper Claud Savet. Sharp End on Chromoson. Copper Duble Type city Accessories  Shri Son Committee Copper Duble Type city Accessories  Shri Son Committee Savet Sav	PVC Tape, PVC Black Color 2M/Roll, 19mm		2	Roll			
Shoot Wine, 2018(Shoot, 1.5mm   Shoot Wine, 2018(Shoot) End   Shoot	Insulation DVC Take DVC Protestion Take for	SP-5					
Grounding Rod. Copper Clad Steel, Sharp End end Concepting, 19thern dis. x3000 mm. SP.5   19   EA   19th Concepting, 19thern dis. x3000 mm. SP.5   2   EA   19th Concepting, 19thern dis. x3000 mm. SP.5   2   EA   19th Concepting, 19th Concepti			2	Poll			
Dec   Coupring   Series   Coupring   Series   Coupring   Series	S	SP-5		IXOII			
Spite Built Connection, Cooper Double Type of W Accessories							
Spitt Soft Connector Copper Double Types o'vo Accessories   169mm2 x Somm2   58P-5   2   EA	c/w Coupling, 18mm dia. x 3000 mm		10	EA			
Accessories   SP-6   2   EA	Calit Delt Connector, Conner Deuble Type ely	SP-5					
Seminit x Seminit 2   Semini		SP-5	2	EA	1	<del> </del>	
31658 Machine Both & Nut, 300mml. x 50mml x 6mml							
### Semmitted							
Grounding Lug. Cooper Tin Costed, Clarry Type   SP-6			1	EA			
Ginuming Log. Copper fin Costed, Clamp Type   16mm2	8mm i nk	CD E					
SP-6	Grounding Lug Copper Tip Coated Clamp Type	OP-0			<del>                                     </del>		
Seminal	S. Sanding Edg, Soppor I'm Sould, Siamp Type	SP-5					
Grounding Claimp, Copper of the Accessories		SP-5					
19mm Rod x 35 mm2 (Double type)		SP-5	15	EA			
SP-5	Grounding Clamp, Copper c/w Accessories						
SP-5	10mm Pod v 25 mm2 (Pouble time)						
SP-5	Tallill Nod x 33 lilliz (Double type)	SP-5	2	EA			
Secondary Well, Concrete, 400x400x400x100   Sep. 5   Se	19mm Rod x 35 mm2 (Triple type)	<b>v</b>		F.			
SP-5   3		SP-5	1	ΕA			
SP-5   Second   Sec	Grounding Well, Concrete, 400x400x400x100		3	EA			
Plate/Checkerder Plate HDG, CAW Grounding Marker 3185S, Red Clorie Engraved Letter (100x100x2 hts), 350x350x6 hts  SP-5  Cable Route Marker 316 SS, Engraved with Red Color Symbol, chw seel anchor bar 100 length & installed on concrete foundation. 100mms100mms1 cmm thk > Start Point SP-5 1 EA Sister Point SP-5 2 EA Sister Point SP-5 2 EA Sister Point SP-5 3 EA Sister Point Poi	Occupation Well Occupa Material Otest	SP-5					
Marker 316 SS. Red Color Engraved Letter (100x100x2 khi) 30x50x50x6 khi SP-5  Cable Route Marker 316 SS. Engraved with Red Color Symbol, c/w steel anchor bar 100 length & installed on concrete foundation, 100mmx10mmx10mmx12mm thk							
Cable Route Marker 316 SS. Engraved with Red Color Symbol, civ weeke anchor bar 100 length & installed on concrete foundation.   100mmx1.2mm thk			3	FA			
Cable Route Marker 316 SS, Engraved with Red Color Symbol, cw set eal anchor bar 100 length & installed on concrete foundation, 100mmx100mmx120mmx12mm thk > Start Point SP-5 1 EA > Start Point SP-5 1 EA > Start Point SP-5 1 EA > Startight Point SP-5 1 EA > Startight Point SP-5 2 EA > Startight Point SP-5 2 EA > Startight Point SP-5 2 EA > Startight Point SP-5 5 SEA			ŭ				
Color Symbol, civ steel anchor bar 100 length & installed on concrete foundation, 100mmxt 00mmxt 2mm thk > Start Point   SP-5   1   EA		SP-5					
installed on concrete foundation, 100mmxt 00mmxt 100mmxt 100mm							
100mmx100mmx1.2mm thk							
Commerce   SP-5							
Commerce   SP-5							
SP-5   EA	> Start Point	SP-5	1	EA			
Straight Perior and Tray o'w Cover, Cover Clamp & Accessories, Material: Steel Plate (2mm thk) Finish: HDG Coating Thick: 65 Micron  50W X 50H X 3000L 50W X 50H X 300L 50W X 50H X 3000L 50W X 50H X 300L 50W X 50H X 3000L 50W X 5			1				
Straight Perforated Tray o'w Cover, Cover (Clamp & Accessories, Material: Steel Plate (2mm thk) Finish: HDG Coating Thick: 65 Micron  SP-5 5 EA  100W X 50H X 3000L SP-5 3 EA  200W X 50H X 3000L SP-5 3 EA  Coupling Plate (For perforated cable tray type) o'w Hex head bolt, nut & spring washer 304SS, Material: Steel Plate (2mm thk) Finish: hot dip galvanized. Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion o'w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Steel Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Steel Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Round Head Bolt & Nut Material: Galvanized Machine Bolt & Nut Material: Galvanized SP-5  Round Head Bolt & Nut Material: Galvanized Machine Bolt & Nut Material: Galvanized							
& Accessories, Material: Steel Plate (2mm thk) Finish: HDG Coating Thick: 65 Micron  50W X 50H X 3000L SP-5 5 EA  20W X 50H X 3000L SP-5 3 EA  Coupling Plate (For perforated cable tray type) (w Hex head bot), nut & spring washer 304S, Material: Steel Plate (2mm thk) Finish: hot dip galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Galvanized Expansion Machine Bolt & Nut Material: Sarbon steel Finish: Hot SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion bolt, Material: Galvanized Expansion Machine Bolt & Nut Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Conduit (Jamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  SP-5  SP-5  SP-5  SP-5  SP-6  SP-7  EA  Round Head Bolt & Nut Material: Galvanized SP-5  SP-5  SP-5  SP-5  SP-6  SP-7  SP-6  SP-7  SP-8  Round Head Bolt & Nut Material: Galvanized Machine Bolt & Nut Material: Galvanized		SP-5	2	EA			
Finish: HDG Coating Thick: 65 Micron							
100W X 50H X 3000L 200W X 50H X 3000L Coupling Plate (For perforated cable tray type) of W Hex head bolt, nut & spring washer 304SS, Material: Steel Plate (2mm thk) Finish: hot dip galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion of W Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized SP-5  Machine Bolt & Nut Material: Galvanized SP-5  SP-5  Sea							
100W X 50H X 3000L 200W X 50H X 3000L Coupling Plate (For perforated cable tray type) of W Hex head bolt, nut & spring washer 304SS, Material: Steel Plate (2mm thk) Finish: hot dip galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion of W Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized SP-5  Machine Bolt & Nut Material: Galvanized SP-5  SP-5  Sea							
100W X 50H X 3000L 200W X 50H X 3000L Coupling Plate (For perforated cable tray type) of W Hex head bolt, nut & spring washer 304SS, Material: Steel Plate (2mm thk) Finish: hot dip galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion of W Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized SP-5  Machine Bolt & Nut Material: Galvanized SP-5  SP-5  Sea							
SP-5   3   EA   Coupling Plate (For perforated cable tray type) o'w Hex head bolt, nut & spring washer 304SS, Material: Steel Plate (2mm thk) Finish: hot dip galvanized, Coating thickness: 65 Micron, 13W X 45H X 95L   SP-5						ļ	
Coupling Plate (For perforated cable tray type) c/w Hex head bolt, nut & spring washer 304\$S, Material: Steel Plate (2rm thk) Finish: hot dip galwanized, Coating thickness: 65 Micron, 13W X 45H X 95L  Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion Machine Bolt & Nut Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 1000 Age of the perforation of the perforat						<del> </del>	
c/w Hex head bolt, nut & spring washer 304SS, Material: Steel Plate (2mm thk) Finish: hot dip galwanized, Coating thickness: 65 Micron, 13W X 45H X 95L.  SP-5  Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion  Machine Bolt & Nut Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: SP-5  Round Head Bolt & Nut Material: Galvanized  Protection Tile Red cement c/w instrument letter  Machine Bolt & Nut Material: Galvanized		3F-3	<u> </u>	LA			
galvanized, Coating thickness: 65 Micron, 13W X 45H X 9SL  SP-5  Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5 48 EA  Machine Bolt & Nut Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Round Head Bolt & Nut Material: Galvanized SP-5 50 EA Protection Tile Red cement c/w instrument letter SP-5 284 EA							
45H X 95L  SP-5  Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: CS Galvanized Expansion SP-5  Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized							
SP-5  Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter  SP-5  SP-5  SP-5  SP-5  SP-5  SP-5  SP-5  SP-5  EA  Machine Bolt & Nut Material: Galvanized SP-5  SP-6  SP-7	-		22	SET			
Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5 48 EA  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized  SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized	45H X 95L						
Stanchion c/w Base plate, rib plate and cover top plate Material: Carbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5 48 EA  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized  SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized		SD-2					
plate Material: C arbon steel sch40, Finish: Hot dip galvanized, 2" x 1500L  SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion  Expansion Bolt & Nut Material: CS Galvanized Expansion SP-5  Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Round Head Bolt & Nut Material: Galvanized  Protection Tile Red cement c/w instrument letter  Protection Tile Red cement c/w instrument letter  Machine Bolt & Nut Material: Galvanized  Protection Tile Red cement c/w instrument letter  SP-5  Babase  Anachine Bolt & Nut Material: Galvanized  SP-5  EA  Babase  B	Stanchion c/w Base plate, rib plate and cover top	01 0					
SP-5  Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5  Expansion Bolt, Material: CS Galvanized Expansion SP-5  Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized							
Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5 48 EA  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½"  Round Head Bolt & Nut Material: Galvanized SP-5 50 EA  Protection Tile Red cement c/w instrument letter SP-5 284 EA  Machine Bolt & Nut Material: Galvanized	dip galvanized, 2" x 1500L		10	EA			
Steel Channel, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5 48 EA  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½"  Round Head Bolt & Nut Material: Galvanized SP-5 50 EA  Protection Tile Red cement c/w instrument letter SP-5 284 EA  Machine Bolt & Nut Material: Galvanized							
dip galvanized 5500 length/Ea, 100mm x 50mm 6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5  Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized	Steel Channal Materials Carbon steel Finish List	SP-5					
6mm thk  SP-5  Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½"  SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized							
Steel Equal Angle, Material: Carbon steel Finish: Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion  Expansion Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½"  SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Round Head Bolt & Nut Material: Galvanized SP-5  Protection Tile Red cement c/w instrument letter SP-5  Machine Bolt & Nut Material: Galvanized			2	EA			
Hot dip galvanized 5500 length/Ea 50mm x 50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion SP-5  Expansion Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2" SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½" SP-5  Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter SP-5  EA  BA  BA  BA  BA  BA  BA  BA  BA  BA		SP-5		<u></u>			
50mm 6mm thk  SP-5  Expansion Bolt, Material: Galvanized Expansion  SP-5  Expansion Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½"  SP-5  Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized Material: Galvanized  SP-5  SP-5  EA  SP-5  EA  BEA  BEA  BEA  BEA  BEA  BEA  BEA							
Expansion Bolt, Material: Galvanized Expansion SP-5 48 EA  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½"  SP-5  Round Head Bolt & Nut Material: Galvanized SP-5 50 EA  Protection Tile Red cement c/w instrument letter SP-5 284 EA  Machine Bolt & Nut Material: Galvanized			5	EA			
Expansion Bolt, Material: Galvanized Expansion SP-5 48 EA  Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG ½"  SP-5  Round Head Bolt & Nut Material: Galvanized  Protection Tile Red cement c/w instrument letter  Machine Bolt & Nut Material: Galvanized  Machine Bolt & Nut Material: Galvanized  Machine Bolt & Nut Material: Galvanized	JUHIHI OHIHI UIK	QD F					
Machine Bolt & Nut Material: CS Galvanized Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG ½"  SP-5  Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized	Expansion Bolt, Material: Galvanized Expansion		48	FΔ			
Expansion type c/w washer M8 x 40mmL  SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG ½"  Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized  SP-5  Protection Tile Red cement c/w instrument letter SP-5  SP-5  SP-5  SP-5  EA  BA  BA  BA  BA  BA  BA  BA  BA  BA		J. J	70				
SP-5  Steel Conduit Material: Carbon steel Finish: HDG 3000 Length/Ea 1/2"  Conduit Clamp Material: Carbon steel Finish: HDG ½"  Formula Finish: HDG ½"  Round Head Bolt & Nut Material: Galvanized  Protection Tile Red cement c/w instrument letter  Machine Bolt & Nut Material: Galvanized  SP-5  SP-5  EA  Protection Tile Red cement c/w instrument letter  SP-5  SP-5  SP-5  EA  EA  Machine Bolt & Nut Material: Galvanized			7	EA			
3000 Length/Ea 1/2"  SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½"  Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized  SP-5  EA  Protection Tile Red cement c/w instrument letter SP-5  About 12 EA  BA  BA  BA  BA  BA  BA  BA  BA  BA		SP-5					
SP-5  Conduit Clamp Material: Carbon steel Finish: HDG ½" SP-5 Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized SP-5 SP-5 SP-5 EA  EA  Protection Tile Red cement c/w instrument letter SP-5 SP-5 SP-5 SP-5 SP-5 SP-5 SP-5 SP-5			_			]	]
Conduit Clamp Material: Carbon steel Finish: HDG ½" SP-5 Round Head Bolt & Nut Material: Galvanized Protection Tile Red cement c/w instrument letter Machine Bolt & Nut Material: Galvanized  SP-5 SP-5 EA  EA  Protection Tile Red cement c/w instrument letter SP-5 284 EA	3000 Lengtn/Ea 1/2″	QD F	2	ΕĀ			
HDG ½" SP-5 Round Head Bolt & Nut Material: Galvanized SP-5 Protection Tile Red cement c/w instrument letter SP-5 Back Back Back Back Back Back Back Back	Conduit Clamp Material: Carbon steel Finish:	OF-0					
Round Head Bolt & Nut Material: Galvanized SP-5 50 EA Protection Tile Red cement c/w instrument letter SP-5 284 EA Machine Bolt & Nut Material: Galvanized		SP-5	7	EA			
Protection Tile Red cement c/w instrument letter SP-5 284 EA  Machine Bolt & Nut Material: Galvanized		SP-5	50	EA			
		SP-5		EA			
Evaporation type gly weeker title v 40mml						 <u> </u>	
Expansion type c/w washer M8 x 40mmL 4 EA	⊏xpansion type c/w washer M8 x 40mmL	CD F	4	EA		ĺ	
SP-5		SP-5		<u> </u>		<u> </u>	

Tube Seamless Annealed Stainless Steel Tube			1		
ASTM A269 T 316, SS316L 1/2"OD x 0.049 WT		0.7			
ASTW A209 1 310, SS310L 1/2 OD X 0.049 W1	on -	37	М		
T. I. Bl. 040004/100D	SP-5				
Tube Plug 316SS ½" OD	SP-5	7	EA		
Male Connector Double Ferrule, Compression					
Type, SS316 1/2" OD x 1/2" NPTM		9	EA		
	SP-5				
Female Connector Double Ferrule, Compression		2	EA		
Type, SS316 1/2" OD	SP-5	2	LA		
Union Connector Double Ferrule, Compression		6	EA		
Type, SS316 ½" OD	SP-5	0	EA		
Union Tee Double Ferrule, Compression Type,			Ε.Δ		
SS316 ½" OD	SP-5	6	EA		
Needle Valve A182-F316 3000L 316SS-TR-		40			
STEM ½" OD	SP-5	12	EA		
Tube Clamp (Single Type) SS304 For Tube					
Support ½" OD	SP-5	14	EA		
Tube Clamp (Double Type) SS304 For Tube					
Support ½" OD	SP-5	1	EA		
Front Ferrule 316 SS ½" OD	SP-5	6	EA		
Back Ferrule 316 SS ½" OD	SP-5	6	EA		
JUNCTION BOX		_			
JB-AS-02	SP-5	1	SET		
JB-DS-06	SP-5	1	SET		
8 PORTACAMP					
1. FOUNDATION & PORTACAMP SP-1	SP-1	1	LOT		
2. FOUNDATION & PORTACAMP SP-3	SP-3	1	LOT		
3. FOUNDATION & PORTACAMP SP-4	SP-4	1	LOT		
4. FOUNDATION & PORTACAMP SP-5	SP-5	1	LOT		
in Constitution at Orthodam Cr C	0. 0	·			
9 Testing, Precom-comm & Startup					
1. Precom-comm & Startup SP-1	SP-1	1	LOT	I I	
2. Precom-comm & Startup SP-3	SP-3	1	LOT	<del>                                     </del>	
3. Precom-comm & Startup SP-4	SP-4	1	LOT		
4. Precom-comm & Startup SP-5	SP-5	1	LOT	<del>                                     </del>	
4. Trecom-comma dianup or o	JI -J	'	1 101	1	
10 PP & PLO			<u> </u>		
1. PP & PLO SP-1, 3, 4, 5	ALL	1	LOT	T T	
1111 41 20 01 1, 0, 7, 0	, ,	· ·		<del>                                     </del>	
SUBTOTAL					
OUDIVIAL					