

TENDER PACKAGE FOR SUPPLY OF FIRE FIGHTING EQUIPMENT AT APL LPG PLANT MORGAH

ATTOCK PETROLEUM LIMITED
7th Floor Attock House, Rawalpindi, Pakistan. Ph- 051-5127250-4

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MATERIAL REQUISITION FOR FIRE FIGHTING EQUIPMENTS

CLIENT ATTOCK PETROLEUM LIMITED

PROJECT DEVELOPMENT OF APL LPG PLANT AT MORGAH RAWALPINDI

ITEM FIRE FIGHTING EQUIPMENTS

		QTY.		RATE / UNIT SUPPLY	AMOUNT	
ITEM	MATERIAL DESIGNATION	G	UNIT	FOR SITE BASIS	Amount	NOTES / REMARKS
		Α		В	C=AXB	
	THE SUPPLIED FIRE FIGHNTING EQUIPMENT SHALL COMPLY WITH THE FOLLOWING DOCUMENTS ATTACHED. ANY DEVIATION SHALL BE CLEARLY HIGHLIGHTED & JUSTIFIED BY THE SUPPLIER. OWNER'S DECISION REGARDING THE DEVIATION SOUGHT BY BIDDER SHALL BE FINAL. DATA SHEETS					INSPECTION OF SUPPLIED FIRE FIGHTING EQUIPMENT, REVIEW OF CERTIFICATES, DIMENSIONAL, QUALITY, QUANTITY AND PACKING LIST CHECK SHALL BE WITNESSED BY THE 3RD PARTY INSPECTORS FROM A REPUTED INSPECTION COMPANY HIRED BY THE OWNER (IF REQUIRED), SUPPLIER SHALL SUBMIT DETAILED MANUFACTURING SCHEDULE, QUALITY CONTROL PLAN AND INSPECTION AND TEST
	DSM-001					PROCEDURES ALONGWITH THE BID. FINAL ACCEPTANCE OF FIRE FIGHTING EQUIPMENTS WILL BE SUBJECTED TO APPROVAL FROM THE 3RD PARTY
	DSM-002					INSPECTION COMPANY AND THE OWNER REPRESENTATIVE (IF REQUIRED).
	DSM-004					QUOTED EQUIPMENTS SHALL BE LOCAL OR IMPORTED.
	DSM-005					VENDOR SHALL BE RESPONSIBLE TO CONFIRM THE REQUIRED FLOW RATES AS MENTIONED IN DATA
	DSM-006					SHEET.& SHALL BE RESPONSIBLE TO SUPPLY DIMENSIONAL DRAWINGS.
1.0	FIRE HYDRANT					FLANGES SHALL BE IN ACCORDANCE WITH ASME B 16.5
1.1	FIRE HYDRANT AS PER NFPA STANDARD AS PER ATTACHED DATA SHEET DSM-001 & DRAWING NO 3066-	8	NOS.			OTHER WISE THE MATING FLANGES SHALL BE PROVIDED BY THE VENDOR
2.0	PIP-SD-001. FIRE MONITOR					
2.1	FIRE MONITOR HYDRANT AS PER NFPA STANDARD AS PER ATTACHED DATA SHEET DSM-002 & DRAWING NO 3066-PIP-SD-001.	3	NOS.			
3.0	FIRE HYDRANT WITH PUMPER CONNECTION					
3.1	FIRE HYDRANT AS PER NFPA STANDARD AS PER ATTACHED DATA SHEET DSM-004 & DRAWING NO 3066-PIP-SD-001.	1	NO.			
4.0	HSE EQUIPMENTS					
	FOLLOWING HSE EQUIPMENTS AS PER NFPA STANDARD, UL & FM APPROVED WHERE MENTIONED AS PER ATTACHED DATA SHEETs DSM-005 .					
1	FIRE HOSE CABINET	8	NOS.			
2	HOSE PIPES (30M)	5	NOS.			
3	HOSE PIPES (15M)	10	NOS.			
4	JET SPRAY NOZZLE	5	NOS.			
5	FIRE EXTINGUISHER DCP 6KG	20	NOS.			
6	MOBILE TROLLEY DCP 50KG	2	NO.			
7(i)	FIRE EXTINGUISHER CO2 5KG	5	NOS.			
7(ii)	FIRE EXTINGUISHER CO2 30KG	2	NO.			
8	FIRST AID BOX	2	NOS.			
8(I)	SAND BUCKET STANDS	4	NOS.			White=8 Nos, Red=4 Nos, Yellow= 14 Nos, Blue= 4 Nos.
9	SAFETY HELMETS	30	NOS.			

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ITEM FIRE FIGHTING EQUIPMENTS

		QTY.		RATE / UNIT SUPPLY	AMOUNT	
ITEM	MATERIAL DESIGNATION	y :::	UNIT	FOR SITE BASIS	AMOONT	NOTES / REMARKS
		Α		В	C=AXB	
10	STRETCHER	1	NO.			
10(i)	WIND SOCK WITH FRAME	2	NOS.			
11	FIRE BLANKET	3	NOS.			
11(i)	MEGA PHONE	1	NO.			
12	Supply of foam trolley of 120 liter capacity complete with inductor, hose pipe & nozzle with first fill of foam (AFFF).	1	NO.			
13	MAIN ELECTRIC HOOTER	1	NO.			
14	BARRICATION TAPE ROLL (500M)	10	NOS.			
15	EXPLOSIVE METER	1	NO.			
16	EMERGENCY SHOWER		NO.			
17	EMERGENCY LIGHT	2	NOS.			
18	SAFETY CONE 700mm	10	NOS.			
19	FIRE SUIT	2	NOS.			
20	FULL FACE MASK	1	NO.			
21	HALF FACE MASK	1	NO.			
22	BREATHING APPARATUS	2	NO.			
23	FIREFIGHTING RUBBER BOOTS	2	NOS.			
24	FIREFIGHTING GLOVES BASIC	1	NO.			
25	FIREFIGHTING GLOVES STRUCTURAL	1	NO.			
26	FIREFIGHTING HELMET	2	NOS.			
27	TP BRANCHES / NOZZLES	3	NOS.			
28	DEVIDING BREACHING	2	NOS.			
29	WATER CURTAINS	2	NOS.			
29 (i)	RED FLAG FOR VAPOUR CLOUD MARKING	6	NOS.			
30	CRYOGENIC SUIT & HAND GLOVES	5	NOS.			
5.0	SAFETY SIGNS					

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ITEM FIRE FIGHTING EQUIPMENTS

		QTY.		RATE / UNIT SUPPLY	AMOUNT	
ITEM	MATERIAL DESIGNATION	-	UNIT	FOR SITE BASIS		NOTES / REMARKS
		Α		В	C=AXB	
	FOLLOWING SAFETY SIGNS AS PER ATTACHED DATA SHEET DSM-018.					
5.1	Type-1 (24"X18")	2	NOS.			
5.2	Type-2 (24"X36")	25	NOS.			
5.3	Type-3 (72"X48")	6	NOS.			
				TOTAL		
		GST @ 18%				
			TC	TAL INCLUDING TAX		

Client		Data	Sheet					
	ATTOCK PETROLEHMA IMITED	DATA SHEET FO	R FIRE HYDRANT					
Atto	ATTOCK PETROLEUM LIMITED	Document No.	Revision	DATE				
		DSM-001 0 16-08-2023						
1		GENERAL						
2	Location	MORGAH LPG PLANT						
3	Quantity	as per BOQ						
4	Tag Nos.	-						
5		HYDRANT						
6	Material	API 5L Gr.B Sch. Std. / ASTM A-106 Grade B	Sch. Std.					
7	Туре	Pillar Type (vertical)						
8	Ends	Raised face flange as per ANSI B16.5						
	Rating	Class 150 #						
	Body Size	6" N.D. Stand Pipe (Note – 2)						
11	Inlet Flange	6" ANSI 150 RF						
- ' '	milet i lange		200 1: / 52/0					
Outlet Nozzles 2 Nos. x 2½", bronze instantaneous hose BS 336 coupling c/w PVC blank cap galvanized chain. Each Nozzle to have isolation Ball valve.								
13	Capacity	250 USgpm per Nozzle						
14	Color	Red						
15	н	YDRANT BALL VALVE						
16	Body	Brass						
17	Туре	Ball (Full Bore)						
18	Location	With Nozzle						
19	Ends	Internal Threaded						
20	Internals	SS						
21	Size	2½" Dia 150 Class						
22	Make	KITZ or equiavalent						
23	ı	VORKING PRESSURE						
24	Normal	100 - 160 psi(g)						
25	Minimum	70 psi(g)						
26	Hydrostatic Test Pressure	246 psi(g)						
27		- F- (0)						
28		OPTIONS						
	Painted Finish	External two coats of primer plus two coats of film thickness 125 microns and internal lined w						
30	Approval	Underwriter laboratories, Lloyds Register or ot approved by the owner.	her equivalent internat	ional agencies				
31								
32								
	Notes:	•						
34	Design & materials should comply with NFPA standard							
35	Mounting flange for hydrant will be available at a height of 450 mm	(17.7") above ground level. Height of stand nine	shall be such that the	outlet nozzles are at a				
36	height of 400 mm from bottom flange of hydrant.	, g 127511 13.511 3.51111 pipo						
37								
38								
39								

			Data	Sheet		
			DATA SHEET FO	OR FIRE MONITOR		
		Docum	Document No. Revisio			
Clien	t	DSM-00)1	A	16-08-2023	
	ATTOCK PETROLEUM LIMITED	Prepared By	Checked By	Approved By	SHEET	
At	ATTOCK PETROLEOWI LIMITED	WA	IN	SAA	1 of 1	
		FIRE MONITOR				
1.0		GENERAL				
1.1	Location	MORGAH LPG PLANT				
1.2	Quantity	as per BOQ				
1.3	Tag Nos.					
2.0		MONITOR				
2.1	Model / Make	VTA				
2.2	Pick up tube length	N/A				
2.3	Pick up tube size with connection	N/A				
2.4	Material	Carbon Steel (Note-2)				
2.5	Vertical movement	90° upward direction, -45° d	ownward direction			
2.6	Horizontal rotation	360°				
2.7	Ends	Raised face flange as per A	NSI B16.5			
2.8	Rating	Class 150 #				
2.9	Inlet	3 " Vendor to Specify				
2.10	Flowrate	upto 750 USgpm				
3.0		WORKING PRES	SURE			
3.1	Normal	100 - 140 psi(g)				
3.2	Minimum	70 psi(g)				
3.3	Hydrostatic Test Pressure	246 psi(g)				
3.4	Water throw From Monitor @ 72 psi(g)	Min. 150 ft (under still air) N	OTE-3			
3.5	Capacity	500 Usgpm NOTE-3				
4.0		OPTIONS				
4.1	Painted Finish			s, two coats of ultra-build epor g a total dft of 375 microns and		
4.2	Approval	Underwriter laboratories, Llo	yds Register or other equiv	alent international agencies a	pproved by the Owner.	

Notes:

- 1. All design & materials requirement should comply with NFPA standard
- 2. "VTC" stand for vendor to confirm.
- 3. "VTA" stand for vendor to advise.

Client		Data	Sheet					
	ATTOCK PETROLEUM LIMITED	DATA SHEET FOR FIRE HYD	DRANT WITH PUMPER	R CONNECTION				
Atte		Document No.	Revision	DATE				
		DSM-004	DSM-004 0 16-08-2023					
1		GENERAL	<u>'</u>					
2	Location	MORGAH LPG PLANT						
3	Quantity	as per BOQ						
4	Tag Nos.	-						
5		HYDRANT WITH PUMPER						
6	Material	API 5L Gr.B Sch. Std. / ASTM A-106 Grade B	3 Sch. Std.					
7	Туре	Pillar Type with pumper connection(vertical)						
8	Ends/Rating	Raised face flange as per ANSI B16.5/class 1	50 #					
9	Pumper connection	4 " branch with flanged isolation ball valve (pr		ith coupling)				
	Body Size	6" N.D. Stand Pipe (Note – 2)	•	1 0/				
11	Inlet Flange	6" ANSI 150 RF						
		2 Nos. x 2½", bronze instantaneous hose BS	226 coupling o/w DVC	blank can and stool				
12	Outlet Nozzles	galvanized chain. Each Nozzle to have isolati		biarik cap and steel				
13	Capacity	250 USgpm per Nozzle						
14	Color	Red						
15		HYDRANT BALL VALVE						
16	Body	Brass						
17	Туре	Ball (Full Bore)						
18	Location	With Nozzle						
19	Ends	Internal Threaded						
20	Internals	SS						
21	Size	21/2" Dia 150 Class						
22	Make	KITZ or equiavalent						
23		WORKING PRESSURE						
24	Normal	100 - 160 psi(g)						
25	Minimum	70 psi(g)						
26	Hydrostatic Test Pressure	246 psi(g)						
27								
28		OPTIONS						
29	Painted Finish	External two coats of primer plus two coats of film thickness 125 microns and internal lined	•					
30	Approval	Underwriter laboratories, Lloyds Register or o approved by the owner.	ther equivalent internat	ional agencies				
31								
32								
33	Notes:							
34	Design & materials should comply with NFPA standard							
35	Mounting flange for hydrant will be available at a height of 450 m	m (17.7") above ground level. Height of stand pipe	shall be such that the	outlet nozzles are at a				
36	height of 400 mm from bottom flange of hydrant. pumper shall be							
37								
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lient			Data Sheet					
	ATTOCK PETPOLEUM	LIMITED	DATA SHEET O	F FIRE HO	SE CABINET	Г		
A	ATTOCK PETROLEUM	LIMITED	Document No.	Revision	Sheet	Date		
lient			DSM-005	0	1	17-08-2023		
1			Description					
2	Service	Fire water						
3								
4	Space requirement	02 No. 2-1/2 dia Hose Pipe 01 No. Jet Spary nozzle	es of 30m					
5	Color	Red						
6	Front	Glass						
7	Support	Self Standing						
8	Size	By Vendor						
9	Material	MS Sheet 18 SWG						
10	Make	Local/Imported						
11								
12								
13	Quantity	as per BOQ						
14								
15								
16								
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35			NOTES					
36	Mentioned description of the item	are minimum requirements						
	z. Montioned description of the Item	are minimum requirements	ior volidor.					
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Client Data Sheet						
	ATTOCK PETROLEUM I	IMITED	DATA SHEET OF	FIRE HOSI	E PIPES (30	m)
At	tock		Document No.	Revision	Sheet	Date
			DSM-005	0	2	17-08-2023
1			Description			
2	Service	Fire water				
3						
4	Length	30m				
5	Color	Red				
6	coupling	2-1/2" dia BS 336 Light Allo	oy, ribbed tail instatenous			
7	Size	65mm				
8	Working Pressure	10 bar				
9	Test Pressure	25 bar				
10	Benefits	Heat Resistance, Weather	Resistant, Resistant to Oil & Petrol, Mainte	nance Free		
11						
12	Make	OSW, Germany/Angus, Uk	(
13						
14						
15	Quantity	as per BOQ				
16						
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35			NOTES			
36	Mentioned description of the item a	are minimum requirements				
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Client			Data Sheet					
	ATTOCK PETROLEUM LIMIT	ED	DATA SHEET OF	FIRE HOS	E PIPES (15	m)		
A	ttock	ED	Document No.	Revision	Sheet	Date		
			DSM-005	0	3	17-08-2023		
1			Description					
2	Service Fire w	vater						
3								
4	Length 15m							
5	Color Red							
6	coupling 2-1/2'	" dia BS 336 Light Allo	oy, ribbed tail instatenous					
7	Size 65mn	n						
8								
9	Benefits Heat	Resistance, Weather	Resistant, Resistant to Oil & Petrol, Mainte	nance Free				
10	Working Pressure 10 ba	ar						
11	Test Pressure 25 ba	ar						
12	Make OSW	, Germany/Angus, UK	(
13								
14								
15	Quantity as pe	er BOQ						
16	, ,							
17								
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19								
20								
21								
22								
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35			NOTES					
36	1. Mentioned description of the item are mi	inimum requirements	for vendor.					
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Client			Data Sheet			
	ATTOCK PETROLEUM	LIMITED	DATA SHEET O	OF JET SPR	AY NOZZLE	
A	ATTOCK PETROLEUM	LIIVIITED	Document No.	Revision	Sheet	Date
			DSM-005	0	4	17-08-2023
1			Description			
2	Service	Fire water				
3						
4	Туре	3-Way (Shut, Jet, Fog)				
5	Inlet	Integral 2-1/2" inst. Male to I	BS 336			
6	Material	Light Alloy				
7	Make	Angus-UK or Equivalent				
8						
9						
10	Quantity	as per BOQ				
11						
12						
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35			NOTES			
36	Mentioned description of the item	are minimum requirements for	or vendor.			
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Client	ient Data Sheet					
	TTOCK PETROLEUM LIMITED		DATA SHEET FOR DRY CH	EMICAL EX	TINGUISH	IER (6 KG)
At	tock	,	Document No.	Revision	Sheet	Date
			DSM-005	0	5	17-08-2023
1			Description 6 Kg			
		B,C				
	_	80-B:C (Not	e-1)			
	•	6 KG				
5	•	DCP				
6		Stored Pres	sure Type			
7	•	10-25 sec				
8	Horizontal Range of Stream	5-20 ft				
9	Material of Shell Construction	High Quality	aluminum or steel corrosion resistant	coating		
10	Colour	Red				
	• •	NFPA 10				
12	Make	Gloria, Gern	nany or Equivalent			
13	Quantity	as per BOQ				
14						
15						
16						
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20						
21						
22						
23						
24						
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34						
35			NOTES			
36	1. Vendor will confirm UL class rating of	extinguisher		acity.		
37	•	-		-		
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Client			Data Sheet					
	.TTOCK PETROLEUM LIMITED		DATA SHEET FOR DC	P MOBILE 1	TROLLEY 5	50 KG)		
At	TOCK PETROLEUM LIMITED		Document No.	Revision	Sheet	Date		
			DSM-005	0	6	17-08-2023		
1			Description	_				
		3,C						
		0-B:C (Not	te-1)					
4	Weight of Extinguisher Agent 5	0 KG						
5	Specification D	CP						
6								
7								
8	Type	Stored Pres	sure Type,Trolley Mounted					
		0-25 sec						
10	Horizontal Range of Stream 5	-20 ft						
11	Material of Shell Construction	ligh Quality	aluminum or steel corrosion resistant	coating				
12		Red						
13	Applicble Code	IFPA 10						
		Gloria, Gerr	many or Equivalent					
15		<u> </u>	,					
16								
	Quantity	s per BOQ						
18								
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33								
34			NOTES					
35	A Mandaniella C. III.	41	NOTES	14.				
36	Vendor will confirm UL class rating of e	xtinguisher	with respect to Extinguisher agent cap	pacity.				
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Client			Data Sheet					
	ATTOCK PETROLEUM	LIMITED	DATA SHEET FOR CAR	BON DIOXIDE	EXTINGUISH	IER (5 KG)/(30KG)		
A	ttock	LIMITED	Document No.	Revision	Sheet	Date		
			DSM-005	0	7	17-08-2023		
1			Description					
2	Fire Class	С						
3	Class Rating	10 B:C (Note -1))					
4	Weight of Extinguisher	5 KG						
5	Extinguishing Agent	CO2						
6								
7	Туре	Stored Pressure	Туре					
8	Discharge Time	8 to 30 sec						
9	Horizontal Range of Stream	3 to 8 ft						
10	Material of Shell Construction		ninum or steel corrosion resistan	t coating				
11	Colour	Red						
12	Applicable Code	NFPA 10						
13								
14	Quantity	as per BOQ						
15								
16								
17			Description					
18	Fire Class	С						
19	Class Rating	10 B:C (Note -1)						
20	Weight of Extinguisher	30 KG Trolley mo	30 KG Trolley mounted					
21	Extinguishing Agent	CO2						
22								
23	Туре	Stored Pressure	Туре					
24	Discharge Time	8 to 30 sec						
25	Horizontal Range of Stream	3 to 8 ft						
26	Material of Shell Construction	High Quality alum	ninum or steel corrosion resistan	it coating				
27	Colour	Red						
28	Applicable Code	NFPA 10						
29								
30	Quantity	as per BOQ						
31								
32								
33								
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35			NOTES					
36	1. Vendor will confirm UL class ra			nt capacity.				
37	2. Mentioned description of the ite	em are minimum req	uirements for vendor.					
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					et	
ATTOCK PETROLEUM LIMITED			DATA SHE	EET FOR FI	RST AID BO	ЭX
Att	tock	IED	Document No.	Revision	Sheet	Date
			DSM-005	0	8	17-08-2023
1			Description			
	Bandage 2"	6 Nos.				
	Finger Bandage	3 Nos.				
	Bandage Triangular	1 No.				
	Cotton Wool	1 Roll				
	Lint Un-Medicated	1 No.				
	Gauze Cotton 4"x4" (Pkt of 10)	1 Packet				
	Gauze Cotton 2"x2" (Pkt of 10)	1 Packet				
	Adhesive Strip	25 Nos.				
	Field Dressing	3 Nos.				
	Cane for Tighting	2 Nos. 6 Nos.				
	Safety Pins Scissors	6 Nos.				
	Probe Iron	1 No.				
	Acrifilin Lotion	1 No.				
	Tenture Iodine	1 No.				
	Mercurochrome Lotion	1 No.				
	Burnol	1 No.				
	Eye Ointment	1 No.				
	lodex	1 No.				
21		1.110.				
22						
	Quantity (Boxes)	as per BOQ				
24		·				
25						
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34			NOTEO			
35	4. Montioned description of the the	o minimum	NOTES			
	Mentioned description of the item ar	e minimum req	uirements for vendor.			
37 38						
39 40						
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DOCUMENT NO. Revision Sheet Date	Client			Data Sheet					
Document No.		TTOCK BETPOLELINA LINALINA	-	DATA SHEET FOR HELMETS					
Material	At	ttock	ים	Document No.	Revision	Sheet	Date		
Material				DSM-005	0	9	17-08-2023		
Sizes	1				•				
Approvals ANSI/ISEA Z89,1-2014 (Class C) Shock Absorption & Penetration as per EN 397 Sweat band: Color Core Self-adjusting chain straps ensure a comfortable fit Customization VTS Colors as per BOQ Make MSA V-Guard Quantity as per BOQ 11 12 13 14 15 16 17 18 19 10 20 21 22 23 31 31 31 31 31 32 33 31 31	2								
Shock Absorption & Penetration as per EN 397	3			-					
Benefits	4	Approvals	ANSI/ISEA Z	ISEA Z89.1-2014 (Class C)					
Section Sect	5	Benefits	Sweat band:	and: Cotton Core					
9 Make MSA V-Guard 10 Quantity as per BOQ 11	6								
10 Quantity as per BOQ 11									
11									
12		Quantity	as per BOQ						
13									
14 16 17 18 18 19 19 19 19 19 19									
15									
16									
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22 23 24 25 25 26 27 28 29 29 29 29 29 29 29									
23 24 25 26 27 28 29 29 29 29 29 29 29									
24 25 26 27 28 29 30 31 32 33 34 35 NOTES 36 1. Vendor must specify the Model No of Protective Helmets. 37 2. Mentioned description of the item are minimum requirements for vendor. 38 40 41 42 44 45 46 47 48									
25									
26 27 28 29 29 20 20 20 20 20 20									
28 29 30 31 32 33 34 35 NOTES 36 1. Vendor must specify the Model No of Protective Helmets. 37 2. Mentioned description of the item are minimum requirements for vendor. 38 40 41 42 44 44 45 46 47 48									
29 30 31 32 33 34 35 36 1. Vendor must specify the Model No of Protective Helmets. 37 2. Mentioned description of the item are minimum requirements for vendor. 38 40 41 42 44 45 46 47 48	27								
30 31 32 33 34 35 NOTES 36 1. Vendor must specify the Model No of Protective Helmets. 37 2. Mentioned description of the item are minimum requirements for vendor. 38 39 40 41 42 44 45 46 47 48	28								
31 32 33 34 35 36 37 37 38 39 39 39 39 39 39 39	29								
32 33 34 35 NOTES 36 1. Vendor must specify the Model No of Protective Helmets. 37 2. Mentioned description of the item are minimum requirements for vendor. 38 39 40 41 42 44 45 46 47 48 48									
33 NOTES 35 NOTES 36 1. Vendor must specify the Model No of Protective Helmets. 37 2. Mentioned description of the item are minimum requirements for vendor. 38 Society of the item are minimum requirements for vendor. 40 Vendor must specify the Model No of Protective Helmets. 41 Vendor must specify the Model No of Protective Helmets. 42 Vendor must specify the Model No of Protective Helmets. 43 Vendor must specify the Model No of Protective Helmets. 44 Vendor must specify the Model No of Protective Helmets. 45 Vendor must specify the Model No of Protective Helmets. 46 Vendor must specify the Model No of Protective Helmets. 48 Vendor must specify the Model No of Protective Helmets. 49 Vendor must specify the Model No of Protective Helmets. 40 Vendor must specify the Model No of Protective Helmets. 41 Vendor must specify the Model No of Protective Helmets. 42 Vendor must specify the Model No of Protective Helmets. 44 Vendor must specify the Model No of Protective Helmets. 45 Vendor must specify the Model No of Protective Helmets. 46 Vendor must specify the Model No of Protective Helmets. 47 Vendor must specify the Model No of Protective Helmets. 48 Vendor must specify the Model No of Protective Helmets. 49 Vendor must specify the Model No of Protective Helmets. 40 Vendor must specify the Model No of Protective Helmets. 41 Vendor must specify the Model No of Protective Helmets. 42 Vendor must specify the Model No of Protective Helmets. 44 Vendor must specify the Model No of Protective Helmets. 45 Vendor must specify the Model No of Protective Helmets. 46 Vendor must specify the Model No of Protective Helmets. 47 Vendor must specify the Model No of Protective Helmets. 48 Vendor must specify the Model No of Protective Helmets. 49 Vendor must specify the Model No of Protective Helmets. 40 Vendor must specify the Model No of Protective Helmets. 41 Vendor must specify the Model No of Protective Helmets. 42 Vendor must									
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35 NOTES 36 1. Vendor must specify the Model No of Protective Helmets. 37 2. Mentioned description of the item are minimum requirements for vendor. 38 39 40 41 42 44 45 45 46 47 48									
1. Vendor must specify the Model No of Protective Helmets. 2. Mentioned description of the item are minimum requirements for vendor. 38 40 41 42 44 45 46 47 48				NOTES					
2. Mentioned description of the item are minimum requirements for vendor. 38 39 40 41 42 44 45 46 47 48		1 Vandar much an afficial a Mandal M	f Drots stires !						
38 39 40 41 42 44 45 46 47 48									
39 40 41 42 44 45 46 47 48		2. Mentioned description of the item are	- miniminum re	equirements for vendor.					
40 41 42 44 45 46 47 48									
41 42 44 45 46 47 48									
42 44 45 46 47 48									
44 45 46 47 48									
45 46 47 48									
46 47 48									
47 48									
48									

Client Data Sheet DATA SHEET FOR STRETCHER & WIND SOCKS Attock Document No. Revision Sheet Date DSM-005 0 10 & 10 & 17-08-2023 17-08-2023

			DSM-005	0	10 & 10(i)	17-08-2023
1			Description For Stretcher		10(1)	
2	Overall length	VTS	•			
3	Length of bed	VTS				
4	Width	VTS				
5	Height (when opened)	VTS				
7	Application	To carry inju	red persons to a first-aid post or h	ospital.		
8	Туре	Foldable				
9	Quantity	as per BOQ				
10	-					
11						
12						
13						
14						
15						
16						
17			Description for Wind Socks			
18	Frame Rod 6mm	1 No's				
19	Pipe 20mm (Dia)	1 No's				
20	Swivel Nut 3/4"	2 Nos				
21	Parachute (Length 3" , Red color)	1 No's				
22	Pole 1/2" (Diax Length 5")	1 No's				
23	Color	Standard				
24						
25	Total Quantity for Wind Socks	as per BOQ				
26						
27						
28						
29						
30						
31						
32						
33						
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36						
37						
38						
39						
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42			NOTES			
43	Mentioned description of the item a	re minimum re	equirements for vendor.			
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Client	Data Sheet			
ATTOCK PETROLEUM LIMITED	DATA SHEET FOR FIRE BLANKET & MEGA PHONE			
Attock	Document No.	Revision	Sheet	Date
	DSM-005	0	11 & 11(i)	17-08-2023
1	escription For Fire Blanket			

			DSM-005	0	11 & 11(i)	17-08-2023			
1		De	escription For Fire Blanket		(.)				
2	Dimensions of Fire Blanket	(1.2X 1.8)	·						
3	Blanket Cover	yes							
	Length	1.8m							
	width	1.2m							
	Material		As per NFPA Standards						
	Minimum Absorption Temperature	400~500 deg							
9	Quantity	as per BOQ	-						
10		1							
11									
12									
13									
14									
15									
16									
17		De	escription For Mega Phone						
18	Power Source	Dry Cells	· · ·						
19	Features	(1) Built-in Si	ren (2) Volume Control						
	Application		Emergencies						
21	Audible Range	100m (Appro							
22	9		•						
23	Quantity	as per BOQ							
24									
25									
26									
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41									
42			NOTES						
	1. Vendor must specify Model of the N	lega Phone.							
44	2. Mentioned description of the item a		quirements for vendor.						
45									
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48									
49									

Client Data Sheet DATA SHEET FOR MOBILE FOAM TROLLEY ATTOCK PETROLEUM LIMITED Document No. Revision Sheet Date DSM-005 0 12 17-08-2023

			DSM-005	0	12	17-08-2023	
1		Des	cription For Mobile Foam Unit				
2			•				
3	Capacity	120 Litres (F	P-70 foam supply included)				
4	Contruction		s Made of Fibre Glass Mounted or lling , Dip tube [made of stainless hose]				
5	Trolley		manual pulling : steel frame with 2 ont ; also provided hose cradle for				
6	Foam Inductor	flexible pick capacity : 22 Main Body m	o of foam tank , connected to foam up tube (vinyl) 5 Liters per minutes nade of aluminium / brass ; one sid other side with 2.5" male instanta	de fitted wi	th 2.5' fem	ale instantaneous brass	
7	Foam Branch Pipe	Low Expansi	on , Water Capacity of 225 Liters	per minute	es		
8	Performance	Range 15-20 m at 7 Bar Running time approx. 17 minutes					
9	Code / Standard	NFPA 11C					
10	Color	VTC					
11	Accessories						
12							
13							
14	Quantity	as per BOQ					
15							
16							
17							
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26							
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29							
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31			NOTES				
32	1. Mentioned description of the item a	re minimum re	quirements for vendor.				
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34		<u> </u>					
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37							
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Client		Data Sheet				
	ATTOCK PETROLEUM LIMIT	נבט	DATA SHEET	FOR ELEC	TRIC HO	OTER
Att	tock	IED	Document No.	Revision	Sheet	Date
			DSM-005	0	13	17-08-2023
1			Description			
2	Alarm Type	Electric 220\	/			
3	Operation	Electrical Op	perated			
4	Range	upto 1.5Km				
5						
	Material	As per NFPA	A Standards			
8	Quantity	as per BOQ				
9						
10						
11						
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41			NOTES			
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44 45						
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Client **Data Sheet** DATA SHEET FOR BARRICATION TAPE ATTOCK PETROLEUM LIMITED **Document No.** Revision Sheet Date DSM-005 17-08-2023 Description Barrication Tape Packing Roll length 500m Width Color Red/White-Yellow, Black as per BOQ Quantity 1. Mentioned description of the item are minimum requirements for vendor.

Client **Data Sheet** DATA SHEET FOR EXPLOSIVE METER ATTOCK PETROLEUM LIMITED Document No. Revision Sheet Date DSM-005 17-08-2023 Description Туре Battery operated **Primary Detection** LEL, O2, CO, H2S, Combustable Gases Battery Type Rehargable MSA USA Make Instruction Manual Yes 01 Years minimum Warranty Working Area Class 1 Div. 1 Calibration cap Assembly Yes Quantity as per BOQ 1. Mentioned description of the item are minimum requirements for vendor.

Client		Data Sheet						
	ATTOCK PETROLEUM LIMITED		Em	nergency Sh	nower			
Att	ock		Document No.	Revision	Sheet	Date		
			DSM-005	0	16	17-08-2023		
1			Description					
2		SI Z358.1						
3			ater supply pressure					
4		Self drainir						
5			eration (Foot operation optional)					
7		esting lev						
			shower rose					
9			bath with twin nozzle and dust cov	er				
10			ow regulator					
11		1/4" flanç						
12	- 1	1/4" flang	ged outlet					
13								
14	Quantity as ¡	per BOQ						
15								
16								
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41			NOTES					
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Client	lient Data Sheet					
	ATTOCK PETROLEUM LIMIT	-ED	Emei	rgency Ligh	t/Torch	
Att	ock	LD	Document No.	Revision	Sheet	Date
			DSM-005	0	17	17-08-2023
1			Description			
2	Standard	LED TORCH	I SF-5 (DAYSUN SF-5)			
3		- Light Sour	ce: CREE XP-E LED			
4		- Light Outp	ut: 47lm (Low) / 114lm (High)			
5		- Run Time:	27hrs. 23 mins. (Low) / 6hrs. 30 m	ins. (High)		
7		- Beam Dist	ance: 73m (Low) / 114m (High)			
8	Minimum Requirements	- IP Rating:	IP67			
9		- Aluminum	Heat Sink to Enhance LED Efficie	ncy		
10		- Tough & D	urable Casing, High Impact Lens			
11		- Battery: 4 x				
12		- Fire & Res	scue, Industrial, Utilities, Emergenc	y Response	e Sporting	Goods,
13				<u> </u>		
14	Quantity	as per BOQ				
15						
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Client	lient Data Sheet						
	ATTOCK PETROLEUM LIMIT	ED	Safe	ety Cone (70	00mm)		
Att	ock	ED	Document No.	Revision	Sheet	Date	
			DSM-005	0	18	17-08-2023	
1			Description				
2			Safety Cones (700mm)				
3			one size-700mm				
4			ght (H) -680-715mm				
5	Minimum Requirements .		thickness of base including any feet (B)-80mm				
7			mension of base (D)-500				
8		-Minimum wi	dth of base (W) -320mm				
9							
10	Quantity	as per BOQ					
11							
12							
13							
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41			NOTES				
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Client		Data Sheet						
	ATTOCK PETROLEUM LIMITED			Fire Suit				
Att	RIOCK		Document No.	Revision	Sheet	Date		
			DSM-005	0	19	17-08-2023		
1			Description					
2			NOMEX IIIA (UL Listed)					
3			Nomex "UL" Listed Fabric According					
4			ll Material: 100% Nomex111 a Plai					
5			NOMEX 111A 65% FR Rayon 35% P	lain Weave l	Fabric, PTE	E Film with laminating		
7			% NOMEX 111A					
			read: 100% NOMEX 111A					
9	1		accordance with UL standards					
10			clothing components for protection					
11	- NFP	'A-Nat	ional Fire Protection Association S	tandards N	FPA 2112			
12								
13								
14	Quantity as per	BOQ						
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42	NOTES NOTES							
43	1. Mentioned description of the item are minimum requirements for vendor.							
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Client			Data Sheet					
	ATTOCK PETROLEUM LIMIT	ED	F	Full Face Ma	ask			
Att	ock	LD	Document No.	Revision	Sheet	Date		
			DSM-005	0	20	17-08-2023		
1			Description					
2	Standard	Class 3 to El	N 136:1998 and Directive 89/686/E	EC (PPE).				
3			Mask, Negative Pressure, with thre		ector			
4			with double revert seal, ergonomic	ic:				
5			oramic and wide visibility					
7			holds in one single body the exha	le membrar	ne, the gas	sket/ valve holder and the		
	Minimum Requirements	exhale mem						
0	William and Troquilomente	- Inner nose	-					
9			ess, five arms					
10		 Neck strap 						
11								
12								
13								
14	Quantity	as per BOQ						
15								
16								
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41			NOTES					
42	4. Montioped description of the tra	noini	NOTES					
43	Mentioned description of the item are	minimum re	equirements for vendor.					
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Client			Data Sheet					
	ATTOCK PETROLEUM LIMITED				Н	lalf Face Ma	ask	
Att	ATTOCK PETROLEOW LIMITED		Do	cument No.		Revision	Sheet	Date
				DSM-005		0	21	17-08-2023
1				cription				
2				h Directive 89/8				
3				epiece for use ir	n the h	nandling of	chemical p	products
4	- Soft s							
5	- Filteri	ng ca	artridges can	moreover hold s	specia	l pre-filters		
7	- Limitati	ons f	or use					
8	Minimum Requirements Filter re is less	spira than	tors cannot b 17% in volun	oe used in enviro ne	onmen	nts where th	e oxygen	content of the air
9								
10								
11								
12								
13								
14	Quantity as per E	30Q						
15								
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33 34								
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42			N	OTES				
43	Mentioned description of the item are minimu	ım re						
44	,		,					
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Client			Data Sheet				
	ATTOCK PETROLEUM LIMIT		Bre	athing Appa	aratus		
Att	ATTOCK PETROLEOWI LIMIT	EU	Document No.	Date			
			DSM-005	0	22	17-08-2023	
1			Description				
2	Standard		ROVAL CE TO EN137 AND MED A				
3			WITH SOLAS CHAPTER II REG	17 C/W			
4		- CYL-1200					
5			, 200 BAR, STEEL CYLINDER,				
7		- CE SPECIFI	CATION, PAINTED TO BS SPECIFIC	CATION,			
8	Minimum Requirements	-COMPLETE	WITH CYLINDER VALVE FITTE	D WITH SA	FETY LO	CKING HAND WHEEL.	
9		1200 LITER	FREE AIR CAPACITY PROVIDIN	IG TOTAL			
10			OF 60 MINUTES				
11		MAKE : SCC	TTC				
12		ORIGIN : U.	K.				
13							
14	Quantity	as per BOQ					
15							
16							
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42			NOTES				
43	1. Mentioned description of the item are	minimum re	equirements for vendor.				
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Client				Data Shee	\					
Cilent				Data Silee	; L					
	ATTOCK PETROLEUM LIMIT	ED	Firefighting Rubber Boots							
Atto			Document No.	Date						
			DSM-005	0	23	17-08-2023				
1			Description							
2	Standard	NFPA 1971-	2013 Edition.							
3		- UPPER: Fl	ame/Heat Resisting Rubber							
4			CTION: Vulcanized Rubber/Shoe							
5		- OUTSOLE	: Flame/Heat Resisting White "Tra	ction Cleat"	•					
7		- LINING: 3.5	mm Polyester Needled Felt with Heel	reinforcemer	nt					
8	Minimum Requirements		emovable Super knit Covered Poly							
9			Stainless Steel Puncture Resisting	Bottom Pla	ite					
10			el Triple Ladder Shank							
11			ersized Steel Toe.							
12			esisting Bottom Plate.							
13		-Cushioned	Shin Guard.							
14	Quantity	as per BOQ								
15										
16										
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42			NOTES							
43	Mentioned description of the item are	e minimum re								
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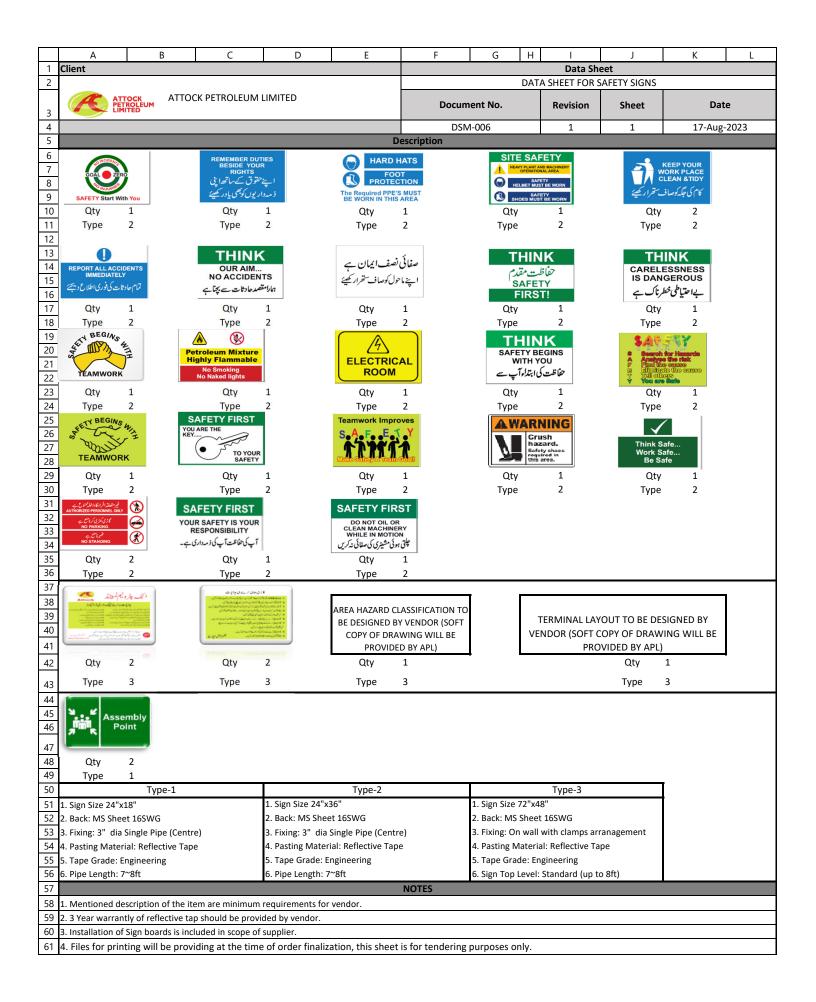
Client			Data Sheet					
	ATTOCK PETROLEUM LIMIT	ED	Firefighting Gloves (Structural)/Firefighting Helmet					
Atto	ATTOCK PETROLEUM LIMIT	ED	Document No.	Revision	Sheet	Date		
			DSM-005	0	24	17-08-2023		
1			Description					
2	Standard		3 + A1:2008Protective Gloves for					
3			specifically for open moor land and			uties.		
4			ALM: 100% PYROHIDE® cowhide	grain leathe	er.			
5		- OUTER B	ACK: 100% Nomex® Delta TA					
7		- LINING: 10	00% Kevlar® with glass-fibre					
8	Minimum Requirements	-CUFF: 54%	Kevlar®, 44% Nomex®, 2% Elas	tane, THRE	AD: 100%	Nomex®		
9		-Manufacture	ed to EN659:2003 + A1:2008Prote	ective Glove	s for Struc	tural Fire Fighting		
10		-PYROHIDE brigades	® leather shell—the No. 1 choice	for UK fire-f	ighters (su	pplied to 51 of UK's 61		
11								
12								
13 14	Quantity	as per BOQ						
15	Quantity	as per BOQ						
16								
17								
18								
19			Description					
20	Firefighting Helmet	As per Stand	Description dards					
22	i nongrang riennet	7 to por otario	dardo					
23	Quantity	as per BOQ						
24								
25								
26 27								
28								
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30		1						
31 32								
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42	4 14 10 11 110 110 110		NOTES					
43	Mentioned description of the item are	e minimum re	equirements for vendor.					
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48		<u> </u>						
49								

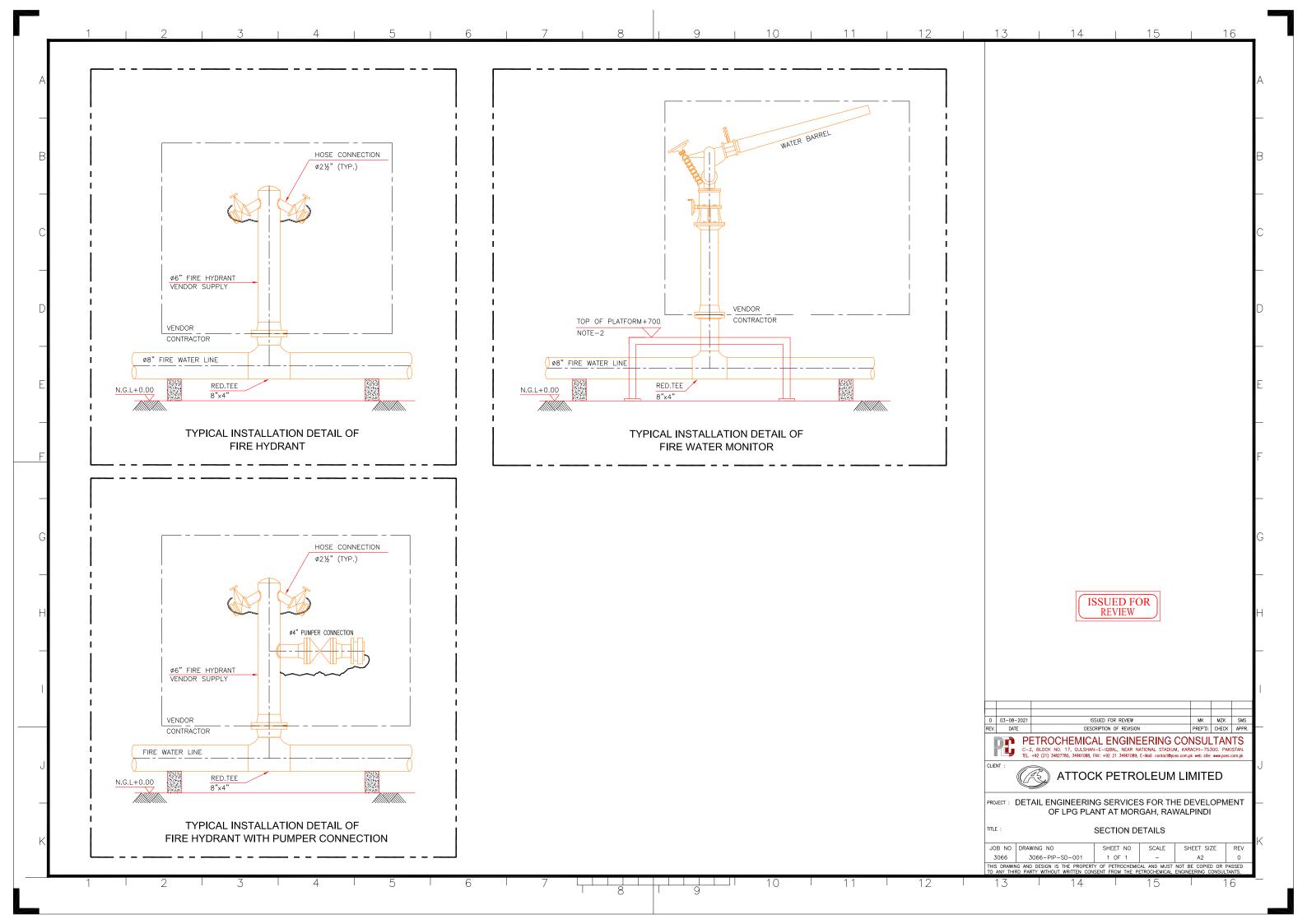
ATTOCK PETROLEUM LIMITED		OCK PETROLEUM LIMITED DATA SHEET FOR TP NOZZLE					E	
			Document l	No	Revision	Sheet	Date	
			DSM-005	1	0	27	17-8-2023	
1	Description of TP Nozzle							
2	Made			Ма	de of Gunme	etal /SS 304		
3	Material of S	Shell Construction		Hig	h Quality ste	el corrosion	resistant	
4	Туре			Trip	ole Purpose (spray, jet an	d shut off nozzle)	
5	Size			2.5	"		·	
6	6 Operating Pressure 10 bar							
7	Working Pre	essure		3-18 Bar				
8		low of Spray		240 L/M				
9		•						
10	Warranty				nimum 2 year nplain	rs replaceme	nt warranty in case of	
11								
12								
13								
14			NC	OTES	3			
15		specify related models						
16	2. Mentioned	description of the item are mir	nimum requirem	nents	for vendor.			
17								
18								

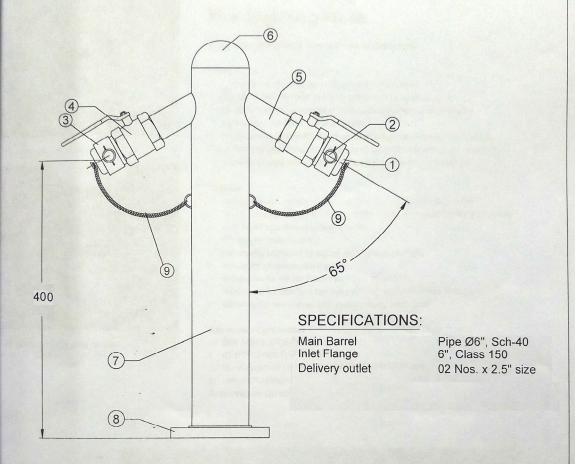
АТТ	OCK PETRO		DA	TA SHEET FO	OR DIVIDING	BREECHES		
			Document	No	Revision	Sheet	Date	
			DSM-005		0	28	17-8-2023	
1			Descripti	ion c	of Dividing Br	eeches		
2	Description			Dividing Breech having 1 x 2.5 inch Male instantaneous inlet and 2 x 2.5 Inch female instantaneous outlet.				
3	Design							
4	Made		Gun Metal & Aluminum,					
5	Material of S		High Quality steel corrosion resistant coating					
6	Type			Two way				
7	Dia			2.5"				
8	Color			Red				
9	Test Pressu	ıre		22.5bar (326psi)				
10	Working Pre	essure		15	Bar (217 psi))		
12	Maximum F	low of Spray						
			NIC.)TE				
	1 Vandar oan	specify related models	NC)TE	5			
		description of the item are mi	nimum requirem	nents	for vendor			
	2. Wichtioned	accompaint of the item are in	illinain requiren	ionio	TOT VOTIGOT.			

AT	TOCK PETROLEUM LIM	ITED		DA	TA SHEET FO	OR CURTAIN	NOZZLE
		Document l	No	Revision	Sheet	Date	
			DSM-005	•	0	29	17-8-2023
1			Descriptio	n of	Water Curtai	n Nozzle	
2	Description			equ			shield personnel and heat, harmful gases,
3	Model			Hy	dro shield		
4	Fluid			All	type of water	,	
5	Inlet			21/2	" Gunmetal I	nstantaneous	S
6	Material				ht Alloy or G		
7	Flow @ 5 Bar (LPM)				00 LPM	•	
8	Curtain Height - 5 Bar	•		7 n	netres		
9	Curtain Width - 5 Bar			26	metres		
10							
11							
12	Color			Re	d - RAL Red	Painted Bod	y
13							
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15							
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18							
19			NC	OTE	S		
20	1. Vendor can specify rela						
21	2. Mentioned description of	of the item are mir	nimum requirem	nents	for vendor.		
22	The Range						

AT	OCK PETRO	LEUM LIMITED		DA	TA SHEET FO	OR CRYOGEN	IIC SUIT AND GLOVE
		Document	No	Revision	Sheet	Date	
			DSM-005	•	0	30	17-8-2023
1			Description	of C	ryogenic Suit	and Glove	
2	Material – C	Coverall & Gloves		Со	mposite low t	temperature	resistant materials
3	Design						
4	Applicable t	emperature		-16	0°C to -250°	C	
	Mask			Fre	e Style		
5	Material		Hig	h Quality low	temperature	e resistant materials	
6							
7							
8							
9							
10							
12							
			NC	DTE	3		
		specify related material					
	2. Mentioned	description of the item are mi	nımum requiren	nents	tor vendor.		







3	Chain	02 Nos.
3	SORF Flange Ø6", Class 150	01 Nos.
	Pipe Ø6", Sch-40, Mild Steel	01 No.
	End Cap 6", Sch-40	01 No.
	Pipe Ø2.5", Sch-40, Mild Steel	02 No.
	Ball Valve Ø2.5" KITZ MAKE OR EQUIVALENT	02 Nos.
	Female Coupling 2.5", Instantaneous (BSS-336)	02 Nos.
	I Wisting Stopper	02 Nos.
#	Blank Cap Ø2.5"	02 Nos.
#	DESCRIPTION	QTY.