

NATIONAL PETROLEUM COMPANY- NPC

AMMAN JORDAN
TENDER NO. *40/2024/S*
Schedule of specifications and prices

SUBJECT: LIQUID NITROGEN PORTABLE TANK

Item No.	DESCRIPTIONS	PART NU.	UNIT	QTY	W/O CUSTOMS & TAXES	
					C & F :RISHA STORE	
					Unit price	Total Price
1	LIQUID NITROGEN PORTABLE TANK WITH THIS SPECIFICATIONS:- OFFER SHOULD BE WITH CHICK LIST FOR ALL SPECIFICATIONS OFFER SHOULD BE WITH SCYMATIC FOR PIPING AND VALVES		EA	2		
1.1	approvals for road low liquid nitrogen evaporation in a sturdy light-weight, economical unit PORTABLE ISO CONTAINER					
1.2	Net capacity:2000 gal us at 95% filling rate					
1.3	vessel Material:1.4301/1.4307,304/304L Stainless steel					
1.4	Outer vessel Material: S355J2+N Carbon steel ORS235J2+N Carbon steel					
1.5	Frame Material: Carbon steel profiles The protective lift frame will allow lifting while fully loaded on top of the frame					
1.6	Piping Material: 304/304L Stainless steel					
1.7	WP (ROAD RELIEF VALVE) :3BAR Design pressure:17-23.4barg Inner tank design temp:-196 °c /+37°c Outer tank design temp: -20 °c /+50°c					
1.8	Insulation: multi layer super insulation +vacuum Vacuum should be warranty for one year from time of delivery. Vacuum evacuation valve, T.C. tube assembly and safety device O-ring					
1.9	Radiography: 100% for all circumferential welding before hydro test					
1.10	Valves: stainless steel globe valves with spare gaskets.					
1.11	Level gauge and pressure gauge in cabinet on tank.					



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1.12	<p>All CGA/NIT150 connections will be supported to prevent damage to the piping when making up hose connections. Blocked line relief valves and drain / bleed valves should be installed on all lines where liquid entrapment could occur Pressure (10bar) build coil 32-gallon withdrawal capacity complete with 1" inlet and 1-1/2" outlet and union connections Front fill Line --- 1-1/2" CGA/NIT150 MALE connection. Side fill Line --- 1-1/2" CGA/NIT150 MALE connection. Rear fill Line --- 1-1/2" CGA/NIT150 MALE connection. Re-circulation Line 1" WITH 1-1/2" CGA/NIT150 MALE connection WITH PUMP RETURN GLOB /CHECK VALVE.</p>					
1.13	<p>Painting: shotblasted to SA2.5 before painting including the sub frame first coat shall be made with 50 micron min .thickness Undercoat shall be applied with 50 micron min .thickness Last layer shall be applied with 100 microns min .thickness Final average DFT shall be 200 microns Paint color be RAL 9003 shiny white</p>					
					TOTAL	
CURRENCY:		MODE OF PAYMENT :				
DELIVERY PERIOD :		PLACE OF DELIVERY:				
VALIDITY :		BANK GUARANTEE :				
MANUFACTURER:		DATE OF MANUFACTURING :			ORIGIN OF GOODS :	
SPECIAL CONDITIONS:						
NOTES:						
THE ACCEPT PRODUCTS MUST BE OEM						
ALL COLUMNS AND BLANK MUST BE FILLED IN AND IT'S THE NPC CHOICE TO CHOOSE THE PRICE WHICH SUITS IT'S REQUIREMENT						
ORIGINATOR: ENG. ALI ALNAIMI		SIGNATURE			DATE:- 22/05/2024	
HEAD OF DIVISION: ENG. MAHMOUD ALROUSAN		SIGNATURE			DATE:- 22/05/2024	
DEPARTMENT MANAGER: ENG. MUWAFIQ KHASAWN		SIGNATURE			DATE:- 22/05/2024	

