

RFQ NUMBER : 2412501239

DATE : 04.08.2025

REQ No : 1032503391

REQ TITLE : PROPANE GAS TANKS

DELIVERY LOCATION: 0017 - L STORE-SPAR&CHE

CLOSING DATE : 13.08.2025

TECHNICAL AND GENERAL SPECIFICATION OF PROPANE GAS TANK DECANTING, DEPRESSURIZING, PNEUMATIC AND HYDRO TEST AT L-I STATION, JEBEL ALIPOWER STATION.1.#INTRODUCTION :DECANTING, DEPRESSURIZING, PNEUMATIC AND HYDRO TEST OF PROPANE GAS TANKAS PER DCD & DAC GUIDELINE S. INSPECTION TO BE DONE BY DCD & DAC APPROVEDTHIRD PARTY CERTIFYING AGENCY THROUGH MANUFACTURER (M/S CYLINGAS). (QTY2NOS)YEAR OF BU ILT: 2006TYPE OF TANK: HORIZONTAL PROPANE STORAGE PRESSURE VESSELCAPACITY: 12500	SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
LITERDESIGN CODE: ASME VIII DIV 1 2004DESIGN PRESS URE: 30 BARDESIGN TEMP: 50CMANUFACTURER:- CYLINGAS2.#PERIOD OF WORK:5 DAYS/TANK DURING AUG AND SEP 20253.#SCOPE OF WORK:3.1.#SCOPE OF WORK INCLUDE, BUT NOT LIMITED TO THE FOLLOWING3.1.1.#THE CONTRACTOR SHALL VISIT	1		ITEM-00001	PROPANE GAS TANK DECANTING, DEPRESSURIZING, PNEUMATIC AND HYDRO TEST AT L-I STATION, JEBEL ALIPOWER STATION.1.#INTRODUCTION :DECANTING, DEPRESSURIZING, PNEUMATIC AND HYDRO TEST OF PROPANE GAS TANKAS PER DCD & DAC GUIDELINE S. INSPECTION TO BE DONE BY DCD & DAC APPROVEDTHIRD PARTY CERTIFYING AGENCY THROUGH MANUFACTURER (M/S CYLINGAS). (QTY2NOS)YEAR OF BU ILT: 2006TYPE OF TANK: HORIZONTAL PROPANE STORAGE PRESSURE VESSELCAPACITY: 12500 LITERDESIGN CODE: ASME VIII DIV 1 2004DESIGN PRESS URE: 30 BARDESIGN TEMP: 50CMANUFACTURER:- CYLINGAS2.#PERIOD OF WORK:5 DAYS/TANK DURING AUG AND SEP 20253.#SCOPE OF WORK:3.1.#SCOPE OF WORK INCLUDE, BUT NOT LIMITED TO THE	2	LS				



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			WITH THE						
			WORK SCOPE, PLANT ACCESS, FACILITIES,						
			COMPLEXITIES, SAFETY MEASURES ETC., BEFORE						
			HE SUBMIT HIS BID.3.1.2.#CHECK CONDITION						
			SUITABLE TO						
			CARRY OUT WORK. CONDUCT SITE SURVEYAND						
			SAFETY INSPECTION TO ASSESS THE WORKING						
			ENVIRONMENT.3.1.3.#IF WORKING ENVIRONMENT						
			IS SAFE PR						
			OCEED THE FOLLOWING STEPS.3.1.4.#SHARE THE						
			TBT,RA, AND METHOD OF STATEMENT TO CARRY						
			OUT THECOMPLETE ACTIVITIES3.1.5.#MOBILIZE						
			THE AP						
			I/ASME AND CIVIL DEFENSE LICENSE						
			HOLDERAUTHORIZED INSPECTOR WITH SUITABLE						
			INSPECTION TOOLS, PPES ANDCONSUMABLES,						
			ETC. ON 2 DAYS NOTI						
			CE PERIOD.3.1.6.#TO PROVIDE SERVICES OF						
			EXPERIENCED AND						
			CERTIFIEDTEAM/INSPECTORS.3.1.7.#ALL						
			EQUIPMENT NECESSARY TO EXECUTE INSPECTIO						
			N AND MEASUREMENTSHALL BE THE SCOPE OF						
			CONTRACTOR.3.1.8.#CONTRACTOR SHALL CARRY						



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			OUT THE COMPLETE INSPECTION AS PER						
			CIVILDEFENSE RULE						
			S AND REGULATIONS.3.1.9.#TO COLLECT DATA ON						
			ORIGINAL DESIGN AND FABRICATION						
			PRACTICES,THE MATERIAL OF CONSTRUCTION,						
			AND THE SERVICE						
			HISTORY.3.1.10.#DEWA WILL ARRANGE THE						
			INTEGRITY INSPECTION BY THIRD						
			PARTY.3.1.11.#DEVELOP THE						
			PLAN.3.1.12.#PREPARE INSPECTION TEST P						
			ROTOCOL (ITP)/CHECK LIST TO						
			IMPLEMENTPLAN.3.1.13.#ITP/ CHECKLIST SHALL						
			HAVE NECESSARY						
			INSPECTION-RELATEDINFORMATION DETAILING						
			ALL TH						
			E COMPONENTS/STRUCTURES WITHOUT						
			ANYEXCEPTION, TO PLAN THE ACTIVITIES DURING						
			SHUTDOWN INSPECTION.3.1.14.#A MARKUP						
			DRAWING SHALL BE PR						
			EPARED SHOWING ALL THE POINTS FORBLIND AND						
			HYDRO TEST.3.2.#DECANTING AND						
			DEPRESSURISING OF PROPANE TANK3.2.1.#PLAN						
			THE DECANTING WOR						



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			K AFTER ANALYZING THE SITUATION.						
			DEWADECANTING THE TANK TO CARRY OUT THE						
			5-YEAR INSPECTION AS PER CIVILDEFENSE						
			RULES.3.2.2.#DECANTIN						
			G OF LIQUID AND DEPRESSURIZATION AS						
			WELL.3.2.3.#CONTRACTOR REPRESENTATIVE						
			SHALL VISIT THE SITE TO CHECK						
			THEINSTALLATION AND AVAILABL						
			E FITTINGS TO FINALIZE THE METHOD FOR						
			DECANTINGTHE TANK.3.2.4.#CONTRACTOR WILL						
			ARRANGE FOR DEPRESSURIZED ROAD TANKERS						
			WITHSELF-LOADI						
			NG PUMPS TO EVACUATE THE LIQUID FROM THE						
			CUSTOMER TANK.3.2.5.#CAPTURE THE RESIDUAL						
			VAPORS TO THE EXTENT POSSIBLE THROUGH						
			ITSSPECIAL						
			PURPOSE LPG RECOVERY VEHICLE TO LIMIT THE						
			AMOUNT OF LP GAS TO BEVENTED TO THE						
			ENVIRONMENT TO THE MINIMUM POSSIBLE IN						
			CASE OF GAS FRE						
			EINGAT A LATER DATE.3.2.6.#THE ENTIRE AREA						
			AROUND THE TANK WILL BE CORDONED OFF.						
			THEVEHICLE MOVEMENT AS WELL AS ALL THE HOT						



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			WORKS WI						
			LL HAVE TO BE SUSPENDEDTILL THE COMPLETION						
			OF THE DECANTING WORK.3.2.7.#THE GAUGE						
			READING AS WELL AS PRESSURE ON THE TANK						
			SHALL BE N						
			OTEDAND RECORDED.3.2.8.#THE AREA WILL BE						
			MONITORED FOR PRESENCE OF LPG GAS						
			USINGPORTABLE GAS MONITORS DURING THE						
			OPERATION.3.2.9.#TA						
			NKER WILL BE ELECTRICALLY EARTHED WHILE IN						
			OPERATION.3.2.10.#LIQUID HOSE PIPE OF THE						
			TANKER TO BE CONNECTED TO THE TANKDRAIN						
			PROVIDE						
			D WITH SUITABLE FITTINGS.3.2.11.#CHECK THE						
			POSSIBILITY TO SHIFT THE LPG FROM AUX BOILER						
			76 TANKTO AUX BOILER 77 TANK IF POSSIBLE AS						
			PER SITE INSPECTION/LEVEL OF THETANK						
			ASSESSMENT.3.2.12.#INITIALLY LIQUID WILL BE						
			ALLOWED TO TRANSFER BY						
			DIFFERENTIALPRESSURE FROM CU						
			STOMER TANK TO THE TANKER.3.2.13.#ONCE						
			PRESSURE IS EQUALIZED, THE LIQUID WILL BE						
			SUCKED USING THEIN BUILT SELF LOADING PUMP						



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			OR THROU						
			GH LPG RECOVERY VEHICLE EQUIPPED WITHHIGH						
			CAPACITY PUMP AND COMPRESSOR.3.2.14.#THE						
			DECANTING PROCESS IS CONTINUED TILL THE						
			ENTIRE LI						
			QUID GETSTRANSFERRED TO THE						
			TANKER.3.2.15.#ONCE THE LIQUID IS OVER, VAPOR						
			WILL BE TRANSFERRED INTO THETANKER USING						
			THE COMPRESSOR FI						
			TTED IN THE LPG RECOVERY VEHICLE TO						
			THEEXTENT POSSIBLE.3.2.16.#AFTER THE						
			DECANTING OPERATION, THE RESIDUAL VAPOR						
			INSIDE THEHOSE IS V						
			ENTED IN A CONTROLLED MANNER.3.2.17.#THE						
			HOSE PIPES AS WELL AS EARTHLING CABLES ARE						
			DISCONNECTED.3.2.18.#AFTER DEPRESSURIZING						
			THE TA						
			NK, LPG VAPOR WILL BE PRESENT INSIDETHE						
			TANK. THIS WILL HAVE TO BE PURGED OUT WITH						
			NITROGEN OR FLUSHED OUTWITH WATER AND						
			THEN THE TA						
			NK WILL HAVE TO BE AERATED WITH AIR						
			BEFOREDISMANTLING THE TANK OR						



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			PIPELINES.3.2.19.#THE AREA OF OPERATION TO BE						
			CORDONED OFF.3.2.20.						
			#AS THE AREA OF OPERATION IS IN CLOSE						
			PROXIMITY TO ROAD, DEWAWILL DEPLOY						
			ADDITIONAL SECURITY TO ENFORCE #NO						
			SMOKING# PREVENTSUNAUTHO						
			RIZED ACCESS.3.2.21.#ALL ELECTRICAL						
			CONNECTION IN CLOSE PROXIMITY TO THE AREA						
			OFOPERATION WILL BE ISOLATED DURING THE						
			OPERATION.3.2.						
			22.#THE OPERATION WILL BE RESTRICTED TO						
			DAYLIGHT HOURS.3.2.23.#TANK DRAWINGS AND						
			P&ID TO BE MADE AVAILABLE TO						
			VERIFYCONNECTIONS.3.2.						
			24.#FIRE EXTINGUISHERS TO BE READILY						
			AVAILABLE DURING THEOPERATION.3.2.25.#THERE						
			WILL BE RESTRICTION ON THE OPERATION OF						
			NON-CERTIFI						
			EDPROOF CELLPHONES OR TWO WAY RADIOS IN						
			PROXIMITY OF THE OPERATION.3.2.26.#MANHOLE						
			OPENING OF THE TANK AND INTERNAL CLEANING						
1			BYCONTR						
1			ACTOR.3.3.#HYDRO TESTING3.3.1.#BARRICADE THE						



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			AREA FROM SURROUNDING.3.3.2.#ENSURE TANK						
			IS 100 % FREE FROM GAS BY						
			ANALYZER.3.3.3.#RELE						
			ASE RESIDUAL VAPOR AND GAS FROM TANK,						
			OPENING DRAIN VALVE.3.3.4.#ISOLATE THE TANK						
			FROM OUTLET LINES BY CLOSING THE						
			ISOLATIONVALVES I						
			N EACH LINE CONNECTING THE TANK.3.3.5.#PLUG						
			ALL THE NOZZLES USING BLIND FLANGE / PLUGS.						
			BLIND PLATES/PLUGS TO BE ARRANGED BY						
			CONTRAC						
			TOR.3.3.6.#FILL THE TANK WITH						
			WATER3.3.7.#ARRANGEMENT OF THE PUMP TO						
			PRESSURIZE THE TANK UP TO THE HYDROTEST						
			PRESSURE.3.3.8.#RAISE						
			THE PRESSURE UP TO THE DESIGNED HYDRO						
			TEST OF TANK USINGPUMP (31 BAR)3.3.9.#HOLD						
			THE PRESSURE FOR ONE HOUR.3.3.10.#OBSERVE						
			WHETHER T						
			HERE IS ANY PRESSURE DROP.3.3.11.#IF ANY LEAK						
			SHALL BE RECTIFIED BY CONTRACTOR.3.3.12.#IF						
			FOUND OK, CALL THIRD PARTY INSPECTOR TO WI						
			TNESS THE HYDROTEST (DEWA WILL ARRANGE		1				



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			THE THIRD PARTY API INSPECTOR FOR WITNESS						
			ANDINTEGRITY INSPECTION).3.3.13.#IN CASE OF						
			DROP IN						
			PRESSURE, GET THE DAMAGE ON THE						
			TANKREPAIRED AND FOLLOW THE SAME						
			PROCEDURE AGAIN.3.3.14.#RELEASE THE						
			PRESSURE AND DRAIN THE WATER.3						
			.4.#REPLACEMENT OF ESSENTIAL						
			VALVESA.#REPLACEMENT OF THE FOLLOWING						
			VALVES WITH NEW AS PER UAE FIRE ANDLIFE						
			SAFETY CODE OF PRACTICE C						
			HAPTER11.B.#PRESSURE RELIEF						
			VALVESC.#SHUT-OFF VALVESD.#BACK CHECK						
			VALVEE.#EXCESS FLOW CHECK VALVEF.#SUPPLY						
			AND REPLACEMENT OF NEW PR						
			ESSURE RELIEF VALVES, SHUT-OFFVALVES, BACK						
			CHECK VALVE, EXCESS FLOW CHECK VALVE &						
			GASKETS OR ANY OTHERVALVE IF FOUND						
			PASSING AS PER						
			UAE FIRE AND LIFE SAFETY CODE OF						
			PRACTICE.3.5.#PNEUMATIC						
			TESTING3.5.1.#ASSEMBLE ASSOCIATES PIPE						
			LINES/ REMOVE PLUGS, BLINDS AND INST						



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			ALLTHE NEW VALVES AS PER CIVIL DEFENSE						
			GUIDELINE.3.5.2.#FILL COMPRESSED AIR /						
			NITROGEN UP TO A PRESSURE OF 100 PSI						
			ANDCHECK ALL THE						
			JOINTS WITH SOAP SOLUTION.3.5.3.#NITROGEN						
			FOR TESTING AND PURGING.3.5.4.#IF ANY						
			LEAKAGE, RECTIFY THE SAME.3.5.5.#PURGING OF						
			TANK USI						
			NG NITROGEN TO BRING DOWN OXYGEN						
			PERCENTAGEINSIDE THE TANK BELOW						
			5.3.5.6.#RELEASE THE NITROGEN						
			GAS.3.5.7.#MANHOLE CLOSING OF THE TAN						
			K WITH NEW GASKET.3.5.8.#TANK MAKE READY TO						
			TAKE THE REMOVED LPG.3.5.9.#FILL THE						
			REMOVED LPG IN THE TANK.4.#REPORTS AND						
			REPORT CONTE						
			NTSTHE AUTHORIZED INSPECTOR SHALL PREPARE						
			A WRITTEN REPORT. THESEINSPECTION REPORTS						
			ALONG WITH INSPECTOR RECOMMENDATIONS						
			SHALL BE HA						
			NDEDOVER TO DEWA REPRESENTATIVE.4.1.#LPG						
			CREDIT NOTE TO BE PROVIDED TO DEWA.4.2.#NEW						
			VALVES PRESSURE TEST CERTIFICATES ALONG						



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CLOSING TIME : 10:00:00

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			WITH MT C.4.3.#THE TANK COMPLETE INSPECTION REPORT WITH HYDRO TEST AND PNEUMATICTEST CERTIFICATES.4.4.#FINAL WALK DOWN REPORT PRIOR TO TAKE THE TANK IN SERVICE.4.5.#WORK COMPLETION REPORT WITH PHOTOS.4.6.#REPORTS SHALL INCLUDE BUT NOT LIMITED T						

TOTAL AMOUNT IN WORDS: TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

PROPANE GAS TANKS DECANTING, DEPRESSURIZING, PNEUMATIC AND HYDRO TEST AT L-I STATION

For any further details please contact Mr. Nadeem Anjum 048140587 nadeem.ahmad@dewa.gov.ae

STANDARD TERMS & CONDITIONS

1) Prices should be 'DDP' delivery duty paid at DEWA stores.





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- 2) Quotation to be submitted only in local currency U.A.E Dirhams
- 3) DEWA Standard payment terms is '30 days credit' from the date of acceptance of material
- 4) No DEWA staff or his or her relatives up to third degree should have ownership or partnership in your company, and your participation in DEWA tenders / RFQs should not constitute a Conflict or perceived Conflict of Interest.
- 5) The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.

SUPPLIER'S REMARKS:

SUPPLIER'S SIGNATURE AND STAMP