

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2492500901
DATE : 29.12.2025
REQ No : 1172501336
REQ TITLE : VENTURY AIR BLOWER - 150
DELIVERY LOCATION : 0022 - M STORES, JAPS
CLOSING DATE : 05.01.2026
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1	7000000007		<p>VENTURI AIR BLOWER 150 PSI. MAX AIR STEAM TO EXTRACT GASES AND FUMESFROM THE TANK AND DISCHARGE THE AIR OUT THROUGH A LARGE, GALVANI</p> <p>ZEDEXHAUST CONE;A 150 PSI VENTURI (AIR HORN) BLOWER FOR TANK GAS/FUME EXTRACTION,INDUSTRIAL BRANDS; AT OUR PRESSURE REQUIREMENT, TYP E METAL VENTURIBLOWER WITH GALVANIZED DIFFUSER AND ~140#150 PSI RATING IS TYPICALLY THEBEST FIT. SUPPLIERS SHOULD PROVIDE A DATASHEE</p> <p>T. MATERIAL ANDCONSTRUCTION: FOR TANK DEGASSING, A CAST ALUMINIUM INLET HOUSING WITH AGALVANIZED STEEL DIFFUSER CONE. STATIC GROUNDI</p> <p>NG PROVISION ANDSPARK-RESISTANT DESIGN FOR USE WITH FLAMMABLE VAPOURS. RECOMMENDEDVENTURI AIR BLOWERS DESIGNED SPECIFICALLY TO VENTI</p> <p>LATE OR EXTRACTHAZARDOUS AND EXPLOSIVE VAPOURS FROM TANKS AND SIMILAR SPACES. TYPICALSPECS: MAXIMUM AIR PRESSURE AROUND</p>	4	EA				

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			<p>140 PSI, LIG HTWEIGHT CONSTRUCTION,HIGH INDUCED AIRFLOW VIA VENTURI EFFECT. CORE SPECS: POWER MEDIUM:COMPRESSED AIR OR STEAM, UP TO ABOUT 140#150 PSI LINE PRESSURE. INDUCEDAIRFLOW: PROVIDE A DATA AT SEVERAL INLET PRESSURES (E.G., TOTAL AIR FLOWAT 50, 80, 100 PSI). CONSTRUCTION : INLET: CAST ALUMINIUM BODY WITH ½" ORSIMILAR HOSE CONNECTION AND CROW#S FOOT FITTING. DIFFUSER: LARGE,GALVANIZED STEEL CONE/EXHAUS T TO DISCHARGE VAPOURS SAFELY AWAY FROM THETANK. FEATURES: STATIC GROUNDING LUG, NO MOVING PARTS, SUITABLE FORHAZARDOUS/EXPLOSIVE VA POURS, PORTABLE WITH CARRY HANDLES.TECHNICAL SPECIFICATION.1. SCOPE OF SUPPLY- SUPPLY OF PNEUMATIC VENTURI AIR BLOWER (AIR HORN TYPE) FOR EXTRACTIONOF HAZARDOUS GASES AND FUMES FROM STORAGE TANKS AND CONFINED</p>						

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			<p>SPACES,WITH DISCHARGE OF AIR/FUMES THROUGH A LARGE, GAL VANIZED EXHAUST CONE.- UNIT SHALL BE SUITABLE FOR USE IN INDUSTRIAL ENVIRONMENTS WITHPOTENTIALLY HAZARDOUS OR EXPLOSIVE ATMOSPHERES (NON ELECTRICAL,AIR/STEAM DRIVEN).2. OPERATING CONDITIONS- DRIVING MEDIUM: COMPRESSED AIR (PREFERRED) AND/OR SATURATED STEAM.- INLET PRESSURE: - DESIGN OPERATING RANGE: 60#140 PSI. - UNIT SHALL BE CAPABLE OF SAFE OPERA TION ATMINIMUM 140 PSI; PURCHASER WILL REGULATE LINE PRESSURE AS NEEDED.- SERVICE: CONTINUOUS DUTY FOR VENTILATION OF TANKS, AND CON FINED SPACESCONTAINING FUMES OR VAPOURS.- AMBIENT TEMPERATURE: FROM 0 °C TO AT LEAST 50 °C, SUITABLE FOR TYPICALOUTDOOR UAE CONDITIO NS.3. PERFORMANCE REQUIREMENTS- FUNCTION: INDUCE A HIGH-VOLUME AIR FLOW USING THE</p>						

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			<p>VENTURI EFFECT TO EXHAUST GASES FROM TANKS AND SUPPLY FRESH AIR.- MINIMUM INDUCED AIRFLOW:- BIDDER SHALL STATE TOTAL AIR FLOW (CFM OR M³/H) AT 60, 80 AND 100 PSI INLET PRESSURE.- AS A GUIDELINE, UNIT SHALL BE CAPABLE OF MINIMUM 4000 CFM AT 80 PSI OR EQUIVALENT, OR BIDDER SHALL JUSTIFY LOWER CAPACITY WITH SELECTION CALCULATIONS BASED ON TANK VOLUME (TO BE PROVIDED).- AIR CONSUMPTION: BIDDER SHALL DECLARE DRIVING AIR CONSUMPTION (SCFM OR NM³/H) AT EACH SPECIFIED INLET PRESSURE.- STATIC PRESSURE: BIDDER TO PROVIDE PERFORMANCE CURVES SHOWING TOTAL AIR FLOW VS. STATIC PRESSURE AT SPECIFIED INLET PRESSURES.</p> <p>4. CONSTRUCTION AND MATERIALS- GENERAL: NO MOVING PARTS; VENTURI TYPE BLOWER WITH CAST BASE AND GALVANIZED HORN/EXHAUST CONE.- INLET BODY: - MATERIAL: CAST ALUMINIUM OR EQUIVALENT CORROSION</p>						

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			<p>RESISTANT ALLOYSUITABLE FOR INDUSTRIAL SERVICE.</p> <p>- INLET CONNECTION: 1"#1½" NPT OR BSP (OREQUIVALENT) SIZED TO MATCH AIR CONSUMPTION; SUITABLE FOR USE WITH"CROW #S FOOT" OR SIMILAR INDUSTRIAL COUPLING.- EXHAUST CONE / HORN: - MATERIAL: GALVANIZED STEEL, REPLACEABLE,SUIT ABLE FOR OUTDOOR AND INDUSTRIAL CONDITIONS. - GEOMETRY: LARGE FLARED CONE DESIGNED TOOPTIMIZE VENTURI EFFECT AND ALLOW SAFE DISCHARGE OF FUMES AWAY FROMMANHOLE/TANK OPENING.- HANDLE AND PORTABILITY: INTEGRATED HANDLE FOR MANUAL CARRYING ANDP OSITIONING AT TANK/MANHOLE.- GROUNDING: - STATIC GROUNDING LUG OR EQUIVALENT CONNECTIONPOINT SHALL BE PROVIDE D WITH MINIMUM 1.8 M GROUNDING CABLE OR AS PERBIDDER STANDARD.- PROTECTION: DESIGN SHALL NOT REQUIRE PROTECTIVE GRILLS DUE TO ABSENC</p>						

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			<p>EOF EXPOSED ROTATING PARTS; ANY ADDITIONAL SAFEGUARDS PER MANUFACTURER MAY BE OFFERED.5. SAFETY AND COMPLIANCE- DESIGN: SUITABLE FOR USE IN AREAS WHERE FUMES MAY BE POISONOUS,EXPLOSIVE.- INTRINSIC SAFETY: PNEUMATIC OPERATION ONLY (NO ELECTRICAL MOTOR) TO MINIMIZE IGNITION SOURCES; BIDDER SHALL STATE ANY APPLICABLE STANDARDS OR CERTIFICATIONS (E.G., CONFORMITY TO RELEVANT ATEX PRINCIPLES OR EQUIVALENT, IF AVAILABLE).- GROUNDING: STATIC DISCHARGE CONTROL VIA GROUNDING LUG AS ABOVE; BIDDER TO DESCRIBE GROUNDING PROCEDURE IN MANUAL</p> <p>.6. DOCUMENTATION AND DATA TO BE SUBMITTED WITH BID- DATA SHEET FOR OFFERED VENTURY BLOWER INCLUDING: - MODEL/TYPE DESIGNATION. - MATERIALS OF CONSTRUCTION (BODY, HORN, FASTENERS). - MAXIMUM ALLOWABLE INLET PRESSURE. - AIR CONSUMPTION AND INDUCED AIR FLOW AT</p>						

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			MULTIPLEPRESSURES.- PERFORMANCE CURVES: TOTAL AIR FLOW VS. STATIC PRESSURE AT SPECIFIEDINLET PRESSURES.- DIMENSIONAL DRAWING: OVERALL DIMENSIONS, WEIGHT, LOCATION OF INLET,EXHAUST CONE SIZE, AND LIFTING/HANDLING POINTS.- OPER ATION AND MAINTENANCE MANUAL INCLUDING INSTALLATION, GROUNDING,AND SAFETY INSTRUCTIONS.7. GUARANTEES- WARRANTY: MINIMUM 12 MONTHS FR OM COMMISSIONING, AGAINST DEFECTS INMATERIAL AND WORKMANSHIP.						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

VENTURY AIR BLOWER - 150 PSI MAX AIR STREAM TO EXTRACT GASES <(>&<)>
FUMES FROM THE TANK <(>&<)> DISCHARGE THE AIR OUT THROUGH A LARGE,
GALVANIZED EXHAUST CONE
Contact Person - Elsayed Mohamed Elsayed Eltoukhy

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Mob: 0504557126; <(><<>>elsayed.eltoukhy@dewa.gov.ae>

STANDARD TERMS & CONDITIONS

- 1) Prices should be 'DDP' delivery duty paid at DEWA stores.
 - 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.
 - 6) Confidentiality Clause: The Supplier/Service Provider shall treat all information and data (excluding open data) contained in the Purchase Order or obtained by the Supplier/Service Provider in connection with the execution of Works as proprietary and strictly confidential. In particular, the Supplier/ Service Provider shall not publish or disclose any data or information including but not limited to personally identifiable information, government data, project details, specifications, drawings or photographs concerning the Works to any third parties without the prior written consent of the Employer.
- If the Supplier/Service Provider is obligated to obtain NOCs / Permits /Permissions for the Project from Government agencies as per the terms and scope of the Contract, the Supplier/Service Provider shall submit only the specific data required for the purpose to the authorized team of the agency, through their prescribed channel / system, subject to information security requirements
- The Supplier/Service Provider shall comply with all the applicable data protection laws and regulations.

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SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP