

## REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

**RFQ NUMBER** : 2412400097  
**DATE** : 18.01.2024  
**REQ No** : 1032304956  
**REQ TITLE** : Upgradation of PLC system  
**DELIVERY LOCATION**  
**CLOSING DATE** : 23.01.2024  
**CLOSING TIME** : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	SCOPE OF WORK:UP-GRADATION EXISTING DISCONTINUED MICROLOGIX 1500 CONTROLLER TO LATESTCOMPACTLOGIX SERIES PLC ALONG WITH SUPPLY, MIGRATION ENGINEERING,INSTALLATION, TESTING AND COMMISSIONING.1.#SUPPLY:A)#THE SUPPLY OF NEW PLC MODULES SHALL BE OF BELOW MENTIONEDSPECIFICATIONS.##1769-L24ER-QB1B : COMPACTLOGIX 5370 L2 CONTROLLER - 1NO.##1769#PA2:120/240V AC POWER SUPPLY (5V @ 2AMP)- 1NO.##1769-IQ16: 16 POINT 24 VDC SINKING/SOURCING INPUT MODULE-1NO.##1769-OB16: 16 POINT 24 VDC SOURCING OUTPUT MODULE-1NO.##1769-IF4XOF2: 4 IN/2O UT ANALOG CURRENT/VOLTAGE MODULE-1NO.##1769 -OF2: 2 CHANNEL ANALOG CURRENT/VOLTAGE O/P MODULE-1NO.##1769-ECR: RIGHT END CAP TERMINAT OR-1NO.##2711P-T10C21D8S: PANELVIEW PLUS 7 STANDARD 10" TERMINAL-1NO.##1783-US5T: STRATIX 2000, 5 PORT UNMANAGED SWITCH-1NO.##ANY OT	1	LOT				

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			HER COMPONENTS TO ACHIEVE THE PURPOSE OF THE PROJECT OTHER THANMENTIONED.B)#THE PLC AND OTHER COMPONENTS MAY BE INSTALLED ON A WALL MOUNT GRPENCLOSURE OF INDUSTRIAL STANDARD BRAND MAKE (600MM(B) X350MM (D) X 700MM(L) WITH FILTER, EXHAUST FAN, DOOR LOCK (HANDLE LOC K AND KEYARRANGEMENT) AND CABLE DUCTS AND OTHER NECESSARY COMPONENTS REQUIRED.C)#SUPPLY OF CABLE TRAY 200MM WITH COVER -5MD)#SUPPLY OF CABLES OF BELOW MENTIONED SPECIFICATIONS OR EQUIVALENT.I)# 40CORE 1 MM² CLASS 2 (STRANDED) CONDUCTOR (7/0.53MM) POLYETHYLENE,INSU LATED CABLES, PE INSULATED, OVERALL SCREENED, ARMOURED & PVC OUTERSHEATH, INSTRUMENTATION CABLE FOR INDUSTRIAL ELECTRONICS, OUT DOOR CABLE, PVC, FLAME RETARDANT, RODENT PROTECTION, TYPE: A-Y(ST)YDSY-FR BDSI, IN RESEMBLANCE TO DIN 0815 40CORE, MAKE: T.K.						

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			<p>KABEL OR E            QUIVALENT, CONDUCTOR: COPPER, STRANDED,            BARE (1.5 MM), CORE INSULATION: PVC,            CORESTRANDING: LAPPING: PLASTIC FOILS,            SHIELD: TINNED DR            AIN WIRE (1.5MM), PLASTIC LAMINATED FOIL,            SHEATH: PVC, COLOUR: GREY RAL 7032,            WEIR/RODENT PROTECTION: GALVANIZED STEEL            SHIELD, OUTER S            HEATH: PVC-FR, COLOUR: BLACKRAL 9005 UV            RESISTANT. FIRE REARDANT: IEC 60332-3-22, DIN            EN 60332-3-22 LOW SMOKE AND FUME,            CONDUCTOR LOO            P RESISTANCE: MAX. 73.2 OHM/KM, INSULATION            RESISTANCE: MIN 100 MOHM X KM, TEST VOLTAGE            CORE TO CORE 500V50 HZ 2 MIN, TEST VOLTAGE            COR            E-SCREEN: 2000V 50 HZ 2 MIN, PEAK            OPERATING VOLTAGE: 225V, TEMPERATURE RANGE:            -30 DEGC TO +70 DEGC)- QNTY 120M (4 RUNS OF            30M) II) #10 PA            IR 1MM² CLASS 2 (STRANDED) CONDUCTOR,            POLYETHYLENE, INSULATED CABLES, MULTI PAIRS,</p>						

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			PE INSULATED, INDIVIDUAL SCREENED, ARMOURED & PVCO UTER SHEATH, INSTRUMENTATION CABLE FOR INDUSTRIAL ELECTRONICS, OUT DOORCABLE, PVC, FLAME RETARDANT, RODENT PROTECTION, TYPE: A-Y(ST) YDSY-FR BDSI, IN RESEMBLANCE TO DIN 0815 2PAIR, MAKE: T.K. KABEL OR EQUIVALENT, CONDUCTOR: COPPER, STRANDED, BARE (1 MM), CORE INSUL ATION: PVC, CORESTRANDING: LAPPING: PLASTIC FOILS, SHIELD: TINNED DRAIN WIRE (1MM), PLASTIC LAMINATED FOIL, SHEATH: PVC, COLOUR: GREY RAL 7032, WEIR/RODENTPROTECTION: GALVANIZED STEEL SHIELD, OUTER SHEATH: PVC-FR, COLOUR: BLACKRAL 9005 UV RESISTANT. FIRE REARDANT: IEC 60332-3-22, DIN EN 60332-3-22LOW SMOKE AND FUME, CONDUCTOR LOOP RESISTANCE: MAX. 73.2 OHM/KM, INSULATION RESISTANCE: MIN 100 MOHM X KM, TEST VOLTAGE CORE TO CORE 500V50 HZ 2 MIN, TEST VOLTAGE CORE-SCREEN: 2000V 50 HZ 2 MIN, PEAK OPERATINGVOLTAGE: 225V, TEMERATU						

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			RE RANGE: -30 DEGC TO +70 DEGC)-QNTY 30M2.##SERVICES##ENGINEERING/ MIGRATING THE PROGRAM OF EXISTING PLC TO NEW PLC WITHSTUDIO5000 LO GIC DESIGNER VER33.##RE-MAPPING/CONFIGURATION OF PANELVIEW HMI COMPONENTS WITH NEW PLC.##LAYING, GLANDING AND TERMINATION OF SUPPLIE D CABLES FROM EXISTING TONEW PANEL. LAYING, GLANDING &TERMINATION OF POWER CABLE (SUPPLIED BYDEWA) FROM BREAKER TO NEW PANEL.##INSTA LLATION, LOOP CHECKING, COMMISSIONING AND TESTING OF THECOMPLETE SYSTEM AT SITE.3.##DOCUMENTATION##PANEL GA DRAWING.##PANEL WIRING DI AGRAM##PLC LOGICS PRINTOUT WITH ALL DESCRIPTIONS.##DATASHEET AND ORDERING INFORMATION OF ALL THE COMPONENTS USED IN THEPROJECT.WARRA NTYMATERIAL AND SERVICE WARRANTY REQUIRED FOR AT LEAST FOR 24						

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			MONTHS.PAYMENT TERMS:##THIRTY (30%) PERCENT OF THE ORDER VALUE AFTER DELIVERY OF THE MATERIALS TO SITE AND ON COMPLETION OF INSPECTION OF ALL THE ITEMS.##SIXTY (60%) PERCENT OF THE ORDER VALUE AFTER SUCCESSFUL COMPLETION OF SITE WORKS AND ON ISSUANCE OF TAKING OVER CERTIFICATE.##TEN (10%) PERCENT OF THE ORDER VALUE AFTER COMPLETION OF 24 MONTH WARRANTY PERIOD.NOTES:PARTIES TO VISIT SITE AND DO A SURVEY TO UNDERSTAND THE COMPLETE SCOPE OF WORK AND REQUIRED MEASUREMENTS AND QUANTITIES. THE QUOTATIONS MAY LIKELY NOT TO BE CONSIDERED IF QUOTED WITHOUT DOING A SITE SURVEY.VENDORS TO CONTACT BELOW MENTIONED FOR SITE SURVEY.SYED.M.RAZA@DEWA.GOV.AE;0504238764.MOHAMED.ELSHERIF@DEWA.GOV.AE;0524843344.ARJUN.VEETIL@DEWA.GOV.AE;0508209						

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			015						
2		ITEM-00001	SERVICES, INSTALLATION & COMMISSIONING	1	LOT				
3		ITEM-00001	DOCUMENTATION	1	LOT				

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

### SPECIAL NOTES / INSTRUCTIONS:

Upgradation of PLC system

### STANDARD TERMS & CONDITIONS

- Prices should be 'DDP' delivery duty paid at DEWA stores.
- Quotation to be submitted only in local currency U.A.E Dirhams
- DEWA Standard payment terms is '30 days credit' from the date of acceptance of material
- 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.
- The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.

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**SUPPLIER'S REMARKS :**

**SUPPLIER'S SIGNATURE AND STAMP**