

## REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

**RFQ NUMBER** : 2332502417  
**DATE** : 22.09.2025  
**REQ No** : 1032504416  
**REQ TITLE** : Replacement o 1032504416  
**DELIVERY LOCATION**  
**CLOSING DATE** : 08.10.2025  
**CLOSING TIME** : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	SUPPLY, INSTALLATION & COMMISSIONING OF LV MAIN DISTRIBUTION BOARD(MDB-01) FORM-4, IP54, FLOOR-MOUNTED, AS PER DEWA ATTACHED SPECIFICATION#DEWA-CONFIDENTIALJOB SPECIFICATION # ELECTRICAL CORRECTIVE MAINTENANCEREPLACEMENT OF MDB-01, MDB-02, CAPACITOR BANKS, AND AC TIVE HARMONICFILTERS LOCATION: HUDAIBA CSO BUILDING, SATWA1. GENERALTHIS SCOPE OF WORK DEFINES THE REQUIREMENTS FOR THE DISMANTLING, SUPPLY,INSTALLATION, TESTING, AND COMMISSIONING OF NEW LOW VOLTAGE MAINDISTRIBUTION BOARDS (MDB-01 AND MDB-02), CAPACITOR BANKS, AN D ACTIVEHARMONIC FILTERS AT DEWA PREMISES. THE OBJECTIVE IS TO UPGRADE AGED ANDOBSOLETE ELECTRICAL PANELS WITH SYSTEMS COMPLIANT WIT H IEC STANDARDS,DEWA REGULATIONS, AND INDUSTRY BEST PRACTICES, ENSURING IMPROVED SAFETY,RELIABILITY, ENERGY	1	NO				

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			<p>EFFICIENCY, AND COMPATIBILITY WITH FUTURE OPERATIONAL REQUIREMENTS. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS DURING THE SITE VISIT. ANY ADDITIONAL MINOR ITEMS, ACCESSORIES, OR WORKS NOT EXPLICITLY MENTIONED IN THIS SPECIFICATION BUT NECESSARY FOR SUCCESSFUL COMPLETION SHALL BE DEEMED INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK. # THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS, PERMITS, OR CLEARANCES FROM DEWA OR ANY OTHER RELEVANT AUTHORITIES REQUIRED TO CARRY OUT THE WORKS. # ANY DELAYS OR COSTS ASSOCIATED WITH SUCH APPROVALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. 2. INTRODUCTION THE EXISTING MDBS HAVE BEEN IN SERVICE FOR OVER 30 YEARS, SHOWING DEGRADED PERFORMANCE, OBSOLETE BREAKER TECHNOLOGY, MISSING SAFETY FEATURES, AND</p>						

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			<p>NON-COMPLIANCE WITH CURRENT STANDARDS.                      THE PROPOSEDUPGR                      ADE WILL INCLUDE:# SUPPLY REPLACEMENT OF                      MDB-01 AND MDB-02 WITH FORM-4                      CONSTRUCTION,IP54-RATED ENCLOSURES,                      EQUIPPED WITH NEW ACBS/MC                      CBS.DEWA-CONFIDENTIAL# SUPPLY                      REPLACEMENT OF 300 KVAR AND 200 KVAR                      CAPACITOR BANKS WITHDETUNED REACTOR TYPE                      APFC SYSTEMS.# SUPPLY IN                      STALLATION OF 2 × 100A ACTIVE HARMONIC                      FILTERS FOR HARMONICMITIGATION AND                      IMPROVED POWER QUALITY.# REARRANGEMENT,                      GLANDING, AND TERM                      INATION OF ALL ASSOCIATED POWERCABLES.#                      ARRANGEMENTS OF TEMPORARY POWER FOR                      CRITICAL EQUIPMENT#S ( IF NEEDED)# SAFELY                      TRANSPORT DISM                      ANTLED EQUIPMENT AND DISPOSE OF THEM                      INCOMPLIANCE WITH DEWA ENVIRONMENTAL AND                      WASTE DISPOSAL STANDARDS.# TESTING                      COMMISSIONING.3. EX                      ISTING PANEL DETAILSMDB-1 (INCOMING SUPPLY:</p>						

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			DEWA S/S 6333 TR#2) SL. NO #DESCRIPTION #BRAND#RATINGS #1 #DEWA INCOMER BREAKER #GE #ACB 2500A, 3P, DRAW-OUT TYPE, 50KA, LSIPROTECTION #2 #OUTGOING BREAKER-1 (MCC-1) #GE #ACB 1600A, 3P, DRAW-OUT TYPE,50KA, LSI PROTECTION #3 #OUTGOING BREAKER-2 (MCC-2) #GE #MCCB 630A, 3P, FIXED TYPE, 50KA,LSI #4 #OUTGOING BREAKER-3 (CAP BANK 300KVAR) #GE #MCCB 630A, 3 P, FIXEDTYPE, 50KA, LSI #5 #300 KVAR CAPACITOR BANK ## #WITH 7% DETUNED REACTOR #MDB-2 (INCOMING SUPPLY: TR#1 & SBG ATS PANEL) SL. N O #DESCRIPTION #BRAND #RATINGS #1 #DEWA INCOMER BREAKER #GE #ACB 1600A, 4P, DRAW-OUT TYPE, 50KA, LSIGPROTECTION #2 #MOBILE GENERATOR PROVISION #GE #ACB 1600A, 4P, DRAW-OUT TYPE,50KA, LSIG PROTECTION #SL. NO #DESCRIPTION #BRAND #RATINGS #3 #OUTGOING BREAKERS (SMDB- WS1&2, SMDB-1,2,3&4, SS) #GE (7 NOS)						

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			<p>#MCCB250A, 3P, LSI, 50KA, FIXED TYPE #4                      #OUTGOING BREAKER (CAP BANK 200KVAR) #GE                      #MCCB 400A, 3P                      , LSI, 50KA, FIXED TYPE #5 #OUTGOING BREAKER                      (SMDB NEW) #GE #MCCB 630A, 3P, LSI, 50KA,                      FIXEDTYPE #6 #OUTGOING BREAKER (SMDB GF)                      #GE #                      MCCB 320A, 3P, LSI, 50KA, FIXEDTYPE #7                      #OUTGOING BREAKER #GE #MCCB 40A, 1P, LSI,                      25KA, FIXED TYPE #8 #200 KVAR CAPACITOR BANK                      ## #WI                      TH 7% DETUNED REACTOR #4. SCOPE OF                      WORKTECHNICAL SPECIFICATIONS ITEM                      #SPECIFICATION #PANEL TYPE #LV SWITCHGEAR,                      FORM-4, IP54, FLOOR-                      MOUNTED, RAL-7032, FRONT&amp; REAR ACCESS                      #ACBS #2500A / 1600A, 3P/4P, 65KA, DRAW-OUT                      TYPE, LSIG DIGITALPROTECTION #MCCBS                      #250A#630A, 3P                      , 50KA, ICS = 100% ICU, TIP SWITCH ADJUSTABLE                      #CAPACITOR BANKS #200 KVAR &amp; 300 KVAR, 7%                      DETUNED REACTORS, APFCCONTROLLER #ACTIVE                      HAR</p>						

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			<p>MONIC FILTER (AHF) #100A RATING, WITH CTS, PQ COMPLIANCE WITHIEEEE 519 #PROTECTION DEVICES #SURGE PROTECTION, HEATERS, THERMOSTATS, D                      OORINTERLOCKS, IP COVERS #STANDARDS #IEC 61439, IEC 60947, DEWA REGULATIONS, NFPA/NEC FORELECTRICAL SAFETY #4.1 PROPOSED SOLUTIONSDE                      WA-CONFIDENTIAL SL. NO #DESCRIPTION                      #PROPOSED PANEL / SPECIFICATION#1 #PANELS#                      FORM OF CONSTRUCTION #FORM-4 #2 #PANEL INCREASED PROT                      ECTION #IP-54 COMPLIANCE FOR ALL PANELS;                      ACBFRONT IP COVER INCLUDED #3 #ACB BREAKER BRAND #SCHNEIDER #4 #ACB BREAKER MODEL #MASTERPA                      CT MTZ ACTIVE #5 #ACB BREAKER PROTECTION #LSIG DIGITAL DISPLAY #6 #ACB BREAKER TEMPERATURE #50°C #7 #ACB SHORT-CIRCUIT KA RATING #65                      KA #8 #MCCB BREAKER BRAND #MASTERPACT NSX SERIES #9 #MCCB PROTECTION #LSI TIP SWITCH ADJUSTABLE TYPE #10 #MCCB</p>						

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			<p>SHORT-CIRCUIT BREAKI                      NG CAPACITY #ICS = 100% ICU #11 #MCCB                      TEMPERATURE LEVEL #50°C #12 #MEASUREMENT                      DEVICES #DIGITAL VOLTMETER &amp; AMMETER #13                      #CAPACITOR B                      ANK PANEL #TO MAINTAIN 0.95 PF CONTINUALLY                      #14 #AHF CONTROL PANEL #ADDITIONAL ACTIVE                      HARMONIC FILTER TO BEINSTALLED #4.2 SUPPLY,                      INS                      TALLATION &amp; REPLACEMENTMDB-01# SUPPLY AND                      INSTALL NEW FORM-4, IP54, FLOOR-MOUNTED MDB                      ENCLOSURE.# PROVIDE 1 x 2500A, 3P, 65KA ACB (D                      RAW-OUT TYPE, LSIG).# PROVIDE 1 x 1600A, 3P,                      65KA ACB (DRAW-OUT TYPE, LSIG).# PROVIDE 2 x                      630A, 3P, 50KA MCCBS WITH HANDLES.# PROVID                      E ADDITIONAL APPROPRIATE ISOLATOR FOR AHF#                      INTEGRATE DEWA CHECK METER, SURGE                      PROTECTION DEVICES, HEATER,                      ANDTHERMOSTAT.MDB-02# SUPPL                      Y AND INSTALL NEW FORM-4, IP54,                      FLOOR-MOUNTED MDB ENCLOSURE.# PROVIDE 2 x                      1600A, 4P, 65KA ACBS (DRAW-OUT TYPE, LSIG)                      WITH MECHANICAL</p>						

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			<p>INTERLOCK.# PROVIDE MCCBS: 7 × 250A (3P, 50KA), 1 × 630A (3P, 50KA), 1 × 400A (3P,50KA), 1 × 320A (3P, 50KA), 1 × 40A (1P, 25KA).# P</p> <p>ROVIDE ADDITIONAL APPROPRIATE ISOLATOR FOR AHF# INTEGRATE DEWA CHECK METER, SURGE PROTECTION DEVICES, HEATER, ANDTHERMOSTAT.CAPACITOR BANKSSUPPLY, INSTALL, AND COMMISSION. # 300 KVAR, 7-STEP CAPACITOR BANK WITH7% DETUNED REACTOR, APFC CONTROLLER, HRC FUSES, AND ISOLATORS.# 200 KVAR, 5-STEP CAPACITOR BANK WITH 7% DETUNED REACTOR, APFCCONTROLLER, HRC FUSES, AND ISOLATORS.ACTIVE HARMONIC FILTERS#</p> <p>SUPPLY AND INSTALL 2 × 100A ACTIVE HARMONIC FILTERS WITH ASSOCIATEDCTS, CT BOX, POWER CABLES, CABLE TRAY, AND CONTAINMENT. CAPACITY</p> <p>SHALLVERIFIED UPON POWER ANALZER RESULT BY THE CONTRACTOR4. 3 METHODOLOGYTASK 1: DEWA SHUTDOWN COORDINATION# DEWA SHUTDOWN REQUEST</p>						

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			<p>TO BE INITIATED BY CONTRACTOR.# COORDINATE WITH DEWA TO DE-ENERGIZE THE POWER FROM THE RMU.# DEWA W&amp;C TO COORDINATE AND SCHEDULE THE SHUTDOWN AS PER DEWA#SOFFICIAL SCHEDULE (VIA EMAIL).TASK 2: SITE PREPARATION &amp; LOAD IDENTIFICATION# IDENTIFY CRITICAL LOADS REQUIRING UNINTERRUPTED SUPPLY WITH CLIENTENGINEERING TEAM.# ISSUE POWER SHUTDOWN NOTICES TO ALL BUILDING STAFF, DISPLAY AT LV ROOMENTRANCE .# OFFLOAD AND POSITION NEW LV PANELS, CAPACITOR BANKS, AND AHFS INSECURED LV ROOM.TASK 3: TEMPORARY POWER BACKUP ARRANGEMENT (IF NEEDED)# ARRANGEMENT OF GENERATOR AND PLACE IN DESIGNATED SAFE LOCATION.# CONNECT INCOMING AND OUTGOING POWER CABLES VIA TEMPORARY PANEL TO CRITICAL LOADS.# ACTIVATE GENERATOR TO SUPPLY CRITICAL LOADS DURING SHUTDOWN.TASK 4: DISCONNECTION OF EXISTING</p>						

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			POWER SUPPLY AND CABLE REMOVAL# SWITCH OFF INCOMING ACB, VERIFY DE-ENERGIZATION WITH MULTI-METER.# DISCONNECT ALL OUTGOING MCCBS.# REMOVE ALL EXISTI NG CABLES; CUT LUGS IF NEEDED.TASK 5: PANEL REPLACEMENT AND CABLE TERMINATION# DISMANTLE AND RELOCATE OLD PANELS OUTSIDE LV ROOM.DEW A-CONFIDENTIAL# INSTALL NEW PANELS, ALIGN PROPERLY, AND DRILL NEW GLAND HOLES.TASK 6: DEWA POWER RECONNECTION AND INITIAL TESTING# C OORDINATE WITH DEWA TO RESTORE POWER.# RACK IN ACB, SWITCH ON, VERIFY VOLTAGE & FREQUENCY.# SWITCH ON REMAINING BREAKERS, EXCLUDING CAPACITOR BANK BREAKER.TASK 7: CAPACITOR BANK PANEL REPLACEMENT & COMMISSIONING# DISCONNECT AND REMOVE OLD CAPACITOR BANK; INSTALL N EW PANEL.# RECONNECT CABLES, PROGRAM APFC AS PER DEWA.# TEST CAPACITOR BANK IN						

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			HAND AND AUTO MODES; VERIFY INTERLOCKS.TASK 8: ACTIVE HARMONIC FILTER INSTALLATION# SUPPLY, INSTALL, AND TERMINATE 2 x 100A AHFS WITH C						
2		ITEM-00001	SUPPLY, INSTALLATION & COMMISSIONING OF LV MAIN DISTRIBUTION BOARD(MDB-02) FORM-4, IP54, FLOOR-MOUNTED, AS PER DEWA ATTACHEDSPECIFICATION. COMPLETE WITH FRAME, DOORS, BUSBARS, WIRING#	1	NO				
3		ITEM-00001	SUPPLY, INSTALLATION & COMMISSIONING CAPACITOR BANK # 300 KVAR, 7-STEP,7% DETUNED REACTOR, APFC, HRC FUSES, ISOLATORS, AS PER DEWAS PECIFICATION #	1	NO				
4		ITEM-00001	SUPPLY, INSTALLATION & COMMISSIONING CAPACITOR BANK # 200 KVAR, 5-STEP,7% DETUNED REACTOR, APFC, HRC FUSES, ISOLATORS. AS PER DEWAS PECIFICATION #	1	NO				
5		ITEM-00001	SUPPLY, INSTALLATION & COMMISSIONING ACTIVE HARMONIC FILTER # 100A WITHCTS, CT BOX,	2	NO				

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			POWER CABLES, CABLE TRAY, AND CONTAINMENT AS PER DEWA ATTACHED SPECIFICATION #						
6		ITEM-00001	CABLELING LUGS, GLANDS, AND ACCESSORIES FOR ALL INCOMER & OUTGOING FEEDERS AS PER DEWA ATTACHED SPECIFICATION #	1	LOT				
7		ITEM-00001	TEMPORARY POWER BACKUP (GENERATOR, CABLES, PANELS, PANLS) IF NEEDED#	1	LOT				
8		ITEM-00001	INSTALLATION, TESTING & COMMISSIONING OF MDBS, CAPACITOR BANKS, AHF, INCLUDING APFC PROGRAMMING, PQ MONITORING, INTERLOCKS, SAFETY#	1	LOT				

TOTAL AMOUNT IN WORDS:

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**SPECIAL NOTES / INSTRUCTIONS:**

Replacement o

**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.
  - 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.

**SUPPLIER'S REMARKS :**

**SUPPLIER'S SIGNATURE AND STAMP**