



**PROFORMA INVOICE**

To

DANDY COMPANY CO LTD  
ST NO : 02, GATE NO : 160 , INDUSTRIAL AREA  
P.O.Box: 2239 , Doha - Qatar  
Tel : +974 44422980

Inv Date : 12-08-2023  
Inv Ref : IB/DAN/PI/J405/1961  
PO REF : DCLLDPO0087-0823 DATED 12-08-2023

Payment Terms : 20% Adv, 70% Progress  
payment, 10% Retention

No	Scope/ Services	Unit	Qty	Rate (Qr.)	Amount (Qr.)
	Design & Build electrical modification works and obtaining kahramaa approval	Item	1	318,125.00	318,125.00
	Claiming 20% Advance payment as per PO terms				63,625.00
Net Invoice Value					63,625.00

Amount in words : Qrs. Sixty Three Thousand Six Hundred and Twenty Five Only

**Account Details :-**

Bank name : COMMERCIAL BANK  
Branch Name : GRAND HAMAD BRANCH  
IBAN : QA36CBQA000000004010124329001  
SWIFT : CBQQAQQA  
Account Number : 4010124329001  
Bank Account Name : IB TRADING & CONTRACTING COMPANY  
Currency : QATARI RIYALS  
City : DOHA  
Country : QATAR

  
Accountant



# PURCHASE ORDER

## Dandy Company Ltd

Street No:02, Gate No:160 Industrial Area  
City : Doha Country: Qatar  
Tel : 44422980 Fax:

Email:  
PO Box: 2239



### PURCHASE ORDER DETAILS

### TERMS & CONDITIONS

PO No. DCLLDPO0087-0823 PO Date 12/08/2023  
PO Amend No. Amend Date  
PO Status OPEN PO Type CAPITAL  
Project Code Offer No  
Project Name

Pay Term PROGRESSIVE PAYMENTS  
Pay Mode CHECK  
Currency QAR  
Invoice To Dandy Company Ltd  
Import NO  
INCO Terms NONE  
Mode of Transport ROAD  
Partial Shipment YES  
Transshipment NO  
Remarks PM-047-2023-Capacitor

### SUPPLIER DETAILS

Supplier Name I B TRADING & CONTRACTING CO.  
Supplier code VD000629 Contact Address  
Contact Person SREENATH PARAMBATH P.O BOX 91024, DOHA,  
Tel No. 44320145  
Fax 44646900 QATAR  
Mobile  
Email ibtradingqatar@gmail.com

### ITEM DETAILS

S.No	Po Line	Item Code and Description	Sh.No	Need Date	UOM	Quantity	Unit Rate	Value
1	1	CPEEQ141-CAPACITOR BANK	1	30/08/2023	NOS	1.0000	318,125.0000	318,125.00

GRAND TOTAL 318,125.00

Amount In Words : Three Hundred Eighteen Thousand One Hundred Twenty-Five Riyal Only

Delivery Address : CAPITAL WAREHOUSE  
DANDY CO LTD, IND AREA

For Dandy Company Ltd

(Authorized Signatory)

Document Level Note : PYMENT TERMS:-

1. 20 % Advance payment.
2. 70 % Progress Payment
3. 10% Retention( to be released  
5% upon Completion and 5%  
upon maintenance period of 400  
days Completion)

Prepared By: Yakub Mohammad

Approved By: Saadain Waris

15/08/2023

03:05:18 PM

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<b>No: PA-07-2023</b>		<b>Date : 11-Jul-2023</b>	
Industrial Area   Street No 021   P.O. Box No 2259   Doha - Qatar. Tel: +974 44693000, Fax: +974 44693700.			
<b>Item / Asset Title</b> : Capacitors for Plant #1 and Plant #2 : Capacitors for Plant #1 and Plant #2 : Capacitors for Plant #1 and Plant #2		<b>Supplier name</b> : _____ : _____ : _____	
<b>Department</b> : Maintenance		<b>Total value QR</b> : _____ <b>Total Qty</b> : _____	
<b>Type of expenditure</b> <input type="checkbox"/> Capital <input checked="" type="checkbox"/> Revenue		<b>Act :</b> _____ <b>Date :</b> _____	

  

**REVISIONS MEMORANDUM**  
 a) Expansion ☐ b) Capacity enhancement ☐  
 c) Cost reduction ☐ d) Replacement ☐  
 e) Office equipment ☐ f) Furniture & fittings ☐  
 g) Other (specify) ☐ - Capacitors  
 Note: The revised feasibility study for A/C is below attached.

This PM is prepared for taking approval for the supply and installation of Capacitors for Plant-1 & Plant 2 (Supporting Voltas Ammonia Chiller, Scanico Tunnel, and Plant 2 equipment load). These loads are connected to substation 2. History - In 2017, substation 2 was having an extra load and it was working with a Capacitor of 275 KVAR. In 2018 when Scanico Tunnel was installed, that time the need to change of Higher capacitor bank was identified. Expenses were around 300,000 QAR. But practically the work was continuing by managing load distribution at different times in different areas, so it was advised to continue as it is. In January 2022 Capacitor bank of Substation-2 malfunctioned. Plant 1 and Plant 2 production halted. To get the connection back and start production, we bypassed the capacitor bank to run the plant directly. Bypassing capacitor banks is not ideal as any voltage fluctuation may adversely affect the equipment. Now as the old Capacitor bank (475 KVAR) is out of order, we are going to fix a higher capacity capacitor bank. To fix the higher capacity capacitor bank (500 KVAR). As there is no space in the substation, management had decided to split the capacitors. Half the load of the capacitor will be installed in the substation and the rest will be divided in the places where the high electricity load equipment is connected in the substation. We have identified the 3 locations where the electricity load is high, Plant-2, Voltas Ammonia Chiller, and Scanico Tunnel.

This work cannot be done in single shutdown, we must take multiple electrical shutdowns to complete the work. During this shutdown there is a risk of production delay and production hampering, though we will take shutdown in planned manner in liaison with production team.

The substation 2 approved design was changed in 2018 when the Scanico tunnel was installed. That amendment was pending. Now as we are changing design, contractor will apply for Ksharama approval for the new design. Government approval may longer takes time.

No	Party Name	Work Description	Quantity	Unit	Rate in QR	Exchange rate	Imported rate	Quoted rate	Currency	Shipment Term	Remarks
1	IB TRADING & CONTRACTING - Design & Build Electrical Modification Works and Obtain Ksharama Approval	DAP	1	QR	318,125	1	318,125	318,125	QR	DAP	1. 20% Advance payment. 2. 20% Progress Payment. 3. 20% Completion Payment. 4. 40% Payment on completion of work. 5. 10% Payment on completion of 500 days (Completion)
2	WINSTAR ELECTROMECHANICAL WORKS WALL - Design & Build Electrical Modification Works and Obtain Ksharama Approval	DAP	1	QR	525,000	1	525,000	525,000	QR	DAP	100% advance payment along with Purchase order. 2. 25% payment towards design approval. 3. 25% submission proof of tenders of parts for material. 4. 25% payment towards delivery of materials at site through LC 30 days. 5. 10% payment against completion of installation 30 days. 6. 5% payment against completion of testing & commissioning 30 days. 7. 5% against submission of as built documents 30 days.
<b>Total</b>											318,125

  

Party Name - IB TRADING  
 IB TRADING & CONTRACTING - Design & Build Electrical Modification Works and Obtain Ksharama Approval  
 Contingency (Provision for incidental expenses, such as renting a generator / buying diesel, etc)

Supplier selection criteria (if any):	Supplier quality	Lowest bidder	Others (specify)
Budgeted value for the requested Capital expense Budget utilized till less purchase Balance available for this purchase Proposed as per the purchase memorandum Supplier (lowest)	Amount (QR) \$30,000 \$80,000 (\$48,125) 49,875	Total 318,125	Remarks: If not budgeted, please justify

  

Supplier selection criteria (if any):  
 Supplier quality: \_\_\_\_\_  
 Lowest bidder: \_\_\_\_\_  
 Others (specify): \_\_\_\_\_

<b>Particulars</b> Budgeted value for the requested Capital expense Budget utilized till less purchase Balance available for this purchase Proposed as per the purchase memorandum Supplier (lowest)	Amount (QR) \$30,000 \$80,000 (\$48,125) 49,875	Total 318,125	Remarks: If not budgeted, please justify
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Assistant Manager - Plant Manager  
 Senior Manager - Finance  
 General Manager

Approved: \_\_\_\_\_  
 Date: \_\_\_\_\_

# I.B Trading and Contracting Co.



شركة اي بي للتجارة  
والمقاولات

DATE: 18/JUNE/2023

REF: IB/QOT/ZAD/9103/R1

TO:

ZAD HOLDING COMPANY

P.O BOX: 1444, DOHA - QATAR

TEL: +974-44489703

ATTENTION : MR. MAHMOUD EL NAHAS (SR. PROJECTS MANAGER)

PROJECT : DESIGN & BUILD ELECTRICAL MODIFICATION WORKS

SUBJECT : QUOTATION - DESIGN & BUILD ELECTRICAL MODIFICATION WORKS AND OBTAIN  
KAHRAMAA APPROVAL (REV. 1)

Dear Sir,

With reference to the above subject and project, we would like to submit our best commercial offer of work after final discount as follows:

**SCOPE OF WORK:**

- Please find attached BOQ.

**TOTAL PRICE:**

Price for the aforesaid project, subject and as mentioned in the above scope of work is for Qr. 318,125.00 /- (Qatari Riyals Three Hundred Eighteen Thousand One Hundred and Twenty-Five Only).

**EXCLUSIONS:**

- Any Govt. authority FEEs.
- Any scope are not mentioned in the BOQ.

**DURATION:**

- To be mutually agreed.

**WARRANTY PERIOD:**

- 1 Year period.

**PAYMENT TERMS:**

- 20% Advance Payment
- 70% Progress Payment
- 10% Retention (5% upon work completion and balance 5% after 400 days maintenance period/defect liability period)

Yours truly,

For IB TRADING AND CONTRACTING COMPANY

SREENATH PARAMBATH  
MANAGING DIRECTOR



## BILL OF QUANTITIES (BOQ)

NAME OF PROJECT		DESIGN & BUILD ELECTRICAL MODIFICATION WORKS				
CLIENT		DANDY COMPANY LIMITED				
PROJECT LOCATION		STREET NO. 02, INDUSTRIAL AREA				
SUBJECT		DESIGN & BUILD ELECTRICAL MODIFICATION WORKS AND OBTAIN KAHRAMAA APPROVAL				
Sl No	Description of Item	Unit	Quantity	Unit Rate (QAR)	Amount (QAR)	Remarks
<b>1</b>	<b>PRELIMINERIES</b>					
1.1	Preliminaries works but not limited to the followings; a) Mobilization and demobilization of Plant and Equipment, b) Temporary site offices including site fencing works, c) Insurance of works (Contractor's All Risk (CAR) Insurance, d) Contractor's site supervisory and administrative staff, e) Site Survey & level marking as per approved drawings, f) Progress report submission on daily, weekly & monthly basis with photographs g) Allow for technical submissions & associated works for engineering & execution like; MAS, Shop Drawings, As built drawings, Material Inspection Request (MIR), Work Inspection Request (WIR), test samples, testing certificate, guarantee / warranty certificates, test records, start / stop procedures, safety & emergency procedures, system software, method statement, technical data sheet, project baseline schedule, checking existing services during work etc), h) Health, safety and welfare of the workmen including PPE, i) Lifting / Hoisting / Access Scaffolding stuffs upon actual site requirement, j) Removal of rubbish and cleaning of site on daily basis, k) Final cleaning at the time of handing over the site. l) Supply of materials samples and conducting mockups, g) O & M - Instruction & trainings client personnel.	Ls	1	22,500.00	22,500.00	Site office is excluded. For Civil works MIR, WIR, etc will not be applicable as it is small excavation works, Asphalt works, and small steel shed.
Subtotal -A					22,500.00	
<b>2</b>	<b>CIVIL WORKS</b>					
	<u>Allow for builder's work in connection with electrical service installation works; but not limited to the below</u>					
2.1	Cutting ,opening, scanning, excavation & backfilling manually (the contractor is responsible for any damages of existing under/above ground services )	Ls	1	8,000.00	8,000.00	
2.2	Reinstatement of existing work and services but not limited to reinforcement, concrete casting,UPVC Sleeves / Ducts, Manhole covers, etc. with proper finishes & levels	Ls	1	7,500.00	7,500.00	
2.3	Fabrication and installation of shade (galvanized steel shade covered with corrugated sheets with proper supports and fitting necessary for installation) , Size to be followed as per site condition.	Ls	1	12,000.00	12,000.00	
Subtotal -B					27,500.00	
<b>3</b>	<b>SUBSTATION-2 MODIFICATIONS AND KAHRAMAA APPROVAL</b>					
<b>3.1</b>	<b>POWER FACTOR CORRECTION PANEL at MAIN SUBSTATION</b>					
3.1.1	Design,supply,installation,Testing,Commissioning and Set to Work of Power factor correction panel in order to improve and maintain the power factor between 0.9 lagging to Unity at Substation-2 LV Panel(2500A) -As a Part of the Entire PFC System for all factory- including but not limited to sizing and selection of the proper type of PFC System, all required filters ,relays, fuses, all required protections and all other accessories according to Kahrmaa,QCS standards and Regulations.	Ls	1	30,000.00	30,000.00	
3.1.2	Design, Supply,Installation,Termination in both ends ,Testing and Commissioning of Power Cables for new Proposed PFC Panel including Cable trays, glands, Lugs and all other required accessories according to Kahrmaa,QCS Standards and Regulations.	Ls	1	41,250.00	41,250.00	
3.1.3	Design, Supply,Installation,Testing and Commissioning of Circuit Breakers for PFC Panel at LV Panel including but not limited to Bus-Bars,door,handle and all other required accessories according to Kahrmaa,QCS and IEC Standards and Regulations.	Ls	1			Included.
3.1.4	Modifications in the existing LVP in order to connect the PFC Panel and re-distribute the existing loads including but not limited to adding new cubicle compartment, BUS-BARS ,Handle, Doors ,Measurement devices ....testifying and reconnecting of existing cables along with MCCBs all inclusive as a complete job to get the LVP Ready for adding the new proposed Power factor Correction Panel and provide Spare Circuits in the cubicle panel according to QCS,Kahrmaa Regulations and Standards.	Ls	1	50,000.00	50,000.00	



# **BILL OF QUANTITIES (BOQ)**

<b>NAME OF PROJECT</b>		<b>DESIGN &amp; BUILD ELECTRICAL MODIFICATION WORKS</b>				
<b>CLIENT</b>		<b>DANDY COMPANY LIMITED</b>				
<b>PROJECT LOCATION</b>		<b>STREET NO. 02, INDUSTRIAL AREA</b>				
<b>SUBJECT</b>		<b>DESIGN &amp; BUILD ELECTRICAL MODIFICATION WORKS AND OBTAIN KAHRAMAA APPROVAL</b>				
Sl No	Description of Item	Unit	Quantity	Unit Rate (QAR)	Amount (QAR)	Remarks
<b>3.2</b>	<b>REF RELAY</b>					
3.2.1	Upgrade/Retest-Replace it if required- the existing REF relay and CTs as per kahrmaa and QCS standards	Ls	1	12,500.00	12,500.00	
<b>3.3</b>	<b>KAHRMAA HANDING OVER</b>					
3.3.1	Obtain Kahrmaa Re-approval with reference to the revised loads along with all required engineering works and assigning Kahrmaa approved consultant- if required	Ls	1	30,000.00	30,000.00	
<b>Subtotal -C</b>					<b>163,750.00</b>	
<b>4</b>	<b>PLANT-2 ELECTRICAL WORKS</b>					
<b>4.1</b>	<b>POWER FACTOR CORRECTION PANEL at PLANT-2</b>					
4.1.1	Design, Supply,Installation,Testing,Commissioning and Set to Work of Power factor correction panel In order to improve and maintain the power factor between 0.9 lagging to Unity at MDB Panel at PLANT-2(1000A)-As a Part of the Entire PFC System for all factory- including but not limited to sizing and selection of the proper type of PFC System, all required filters ,relays, fuses, all required protections and all other accessories according to Kahrmaa,QCS and IEC standards and Regulations.	Ls	1	28,125.00	28,125.00	
4.1.2	Required Modifications in the existing MDB Cubicle Panel in order to connect the PFC Panel to MDB including but not limited to BUS-BARS ,Handle, Doors ,Measurement devices ....testifying and reconnecting of existing Loads along with cables, MCCBs,door handles and all other accessories all inclusive as a complete job to get the MDB Panel Ready for adding the new proposed Power factor Correction Panel according to QCS,Kahrmaa and IEC Regulations and Standards.	Ls	1	18,750.00	18,750.00	
4.1.3	Design, Supply,Installation,Termination in both ends ,Testing and Commissioning of Power Cables for new Proposed PFC Panel including Cable trays, glands, Lugs and all other required accessories according to Kahrmaa,QCS and IEC Standards and Regulations.	Ls	1	10,625.00	10,625.00	
4.1.4	Design, Supply,Installation,Testing and Commissioning of Circuit Breakers for PFC Panel at cubicle MDB Panel including but not limited to Bus-Bars,door,handle and all other required accessories according to Kahrmaa,QCS and IEC Standards and Regulations.	Ls	1	-	-	Included.
<b>Subtotal -D</b>					<b>57,500.00</b>	
<b>5</b>	<b>POWER FACTOR CORRECTION FOR MOTORS AT PLANT-2</b>					
5.1	Design, Supply,Installation,Testing,Commissioning and Set to Work of heavy duty-motor rated- Power factor correction panel in order to improve and maintain the power factor between 0.9 lagging to Unity for 3x160 KW(2 duty+1standby) Motors -As a Part of the Entire PFC System for all factory-set including but not limited to sizing and selection of the proper type of PFC System, all required filters, circuit breakers, relays, fuses, all required protections and all other accessories according to Kahrmaa,QCS standards and Regulations.	Ls	1	39,375.00	39,375.00	
5.2	Design, Supply,Installation,Termination in both ends ,Testing and Commissioning of Power Cables for new Proposed PFC Panels including Cable trays, glands, Lugs and all other required accessories according to Kahrmaa,QCS and IEC Standards and Regulations.	Ls	1	-	-	Included.
5.3	Design, Supply,Installation,Testing,Commissioning and Set to Work of heavy duty-motor rated- Power factor correction panel in order to improve and maintain the power factor between 0.9 lagging to Unity for 2x125 KW(1duty+1standby) Motors -As a Part of the Entire PFC System for all factory-set including but not limited to sizing and selection of the proper type of PFC System, all required filters, circuit breakers, relays, fuses, all required protections and all other accessories according to Kahrmaa,QCS and IEC standards and Regulations.	Ls	1	17,500.00	17,500.00	
5.4	Design, Supply,Installation,Termination in both ends ,Testing and Commissioning of Power Cables for new Proposed PFC Panels including Cable trays, glands, Lugs and all other required accessories according to Kahrmaa,QCSStandards and Regulations.	Ls	1	-	-	Included.
<b>Subtotal -E</b>					<b>56,875.00</b>	



# **BILL OF QUANTITIES (BOQ)**

<b>NAME OF PROJECT</b>	<b>DESIGN &amp; BUILD ELECTRICAL MODIFICATION WORKS</b>
<b>CLIENT</b>	<b>DANDY COMPANY LIMITED</b>
<b>PROJECT LOCATION</b>	<b>STREET NO. 02, INDUSTRIAL AREA</b>
<b>SUBJECT</b>	<b>DESIGN &amp; BUILD ELECTRICAL MODIFICATION WORKS AND OBTAIN KAHRMAA APPROVAL</b>

S/ No	Description of Item	Unit	Quantity	Unit Rate (QAR)	Amount (QAR)	Remarks
<b>6</b>	<b>MISCELLANEOUS WORKS</b>					
6.1	Services Identification Tags / Manual as per manufacture recommendations	Ls	1		-	Included.
6.2	Allow for documents submittal as required upon Kahramaa / authority approvals enable to final handing over and finishing completion certificate.	Ls	1		-	Included.
6.3	Allow for testing, adjusting, balancing and commissioning of the complete system including attending Kahramaa final inspection and handing over.	Ls	1		-	Included.
6.4	general periodic inspection every 3 months of the supplied equipments during their warranty period.	Ls	1		-	Included.
<b>Subtotal -F</b>					-	

<b>7</b>	<b>TENDERER'S ADJUSTMENTS</b>					
	The Contractor shall describe and price below the items necessary for the full and proper completion of the work as described in the specification or shown on the drawings and for which either expressed or implied provision is required and which are not covered by either the items or the rates in the Bills of Quantities of contract or by any other matter what so ever. Anything not so separately described shall be deemed to be covered in the items and rates inserted in the Bills of Quantities.					
7.1					-	
7.2					-	
7.3					-	
7.4					-	
7.5					-	
<b>Subtotal -G</b>					-	

<b>Note :-</b>	Summary of the scope of work is listed below for more information.					
	a) Design of Power Factor Correction system in order to improve and maintain the overall power factor between 0.9 lagging to Unity with reference to Site Condition and Client Requirements and as per QCS and KAHRMAA standards and regulations.					
	b) Design to be proposed by the contractor through KAHRMAA approved specialist.					
	c) Power Factor correction system to be Hybrid system (Central + Individual Compensation).					
	d) Proposed system to be divided between Main LVP Panel, MDB Panel at plant 2 and Induction Motors.					
	e) All design calculations to be submitted to the Client Engineer for review and approval.					
	f) Modifications in Main LV Panel by adding new cubicle compartment in order to re-distribute the existing connected Loads, connect the proposed PFC Panel and provide spare circuits as per Kahramaa and QCS.					
	g) Retest/Upgrade REF Relay and REF CTs as per KAHRMAA latest requirements.					
	h) Obtain KAHRMAA Approval.					
	i) Required Civil works and Builders Works to complete the Job.					

**Grand Total (A+B+C+D+E+F+G) 328,125.00**

**Special Discount QAR. (10,000.00)**

**Total contract value in QAR : 318,125.00/- (Qatari Riyals Three Hundred Eighteen Thousand One Hundred and Twenty-Five Only)**

