

**GOVERNMENT OF PAKISTAN
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY**

To

M/s _____

Dear Sirs,

Reference: **TENDER ENQUIRY No. 0005-Hvn-LP-Capt-Pur Dated: 04-01-2022**

You are requested to submit quotations for the item(s) noted in the Schedule to the Tender. Offer should be sent duly sealed in an envelope. Please note the following instructions for filling the tender:-

1. SUBMISSION OF TENDER

- 1.1 Tenders will be opened at **11:00 hours on 15-02-2022** and must reach **Bid Center adjacent to Rabita Hall on or before 10:30** hours up to due date. The tender received late will not be entertained. You may witness the opening of the tender if you so desire. If a representative is deputed, he should bring a letter of authority from you.
- 1.2 Procurement method is single stage two envelope as per PPRA Rules 36 (b), therefore bids/offers must be quoted as per TE clause 2.2 instead of 2.1. The outside of the envelope should be inscribed with:-

Tender Enquiry No : **0005-Hvn-LP-Capt-Pur, Dated: 04-01-2022**

Tender to be opened on : **15-02-2022**

Address as follows:-

INCHARGE BID CENTER
PAKISTAN ORDNANCE FACTORIES
WAH CANTT (PAKISTAN)

Though:-

I/C CR

POF WAH CANTT

- 1.3 If envelope do not indicate reference of T.E or received late the same will be returned un-opened.

2. GENERAL INSTRUCTIONS REGARDING PREPARATION QUOTATIONS

- 2.1 For all type of stores, you are required to quote in two parts:-

Part I "Technical Offer": It should exclusively give technical details and literatures/brochures of the offered material/items/equipment as well as validity date; delivery schedule; and signed undertaking given on the schedule to this Tender Enquiry. **It must not indicate price, costs etc.** You may use a separate sheet if necessary.

Part II “Commercial Offer”: It should indicate the commercial terms e.g. price, terms of payment, mode of payment, mode of supply.

Each Part should be placed in a **separate sealed cover**. The envelopes should be inscribed with **Part I “Technical Quotation without Price”** and **Part II “Commercial Quotation with Price”**.

- 2.2 The quotation must remain valid for, at least 90 days from the date of commercial tender opening.
- 2.3 The quotation should hold good for any reduced or enhanced quantities without notice.
- 2.4 In the event of non-acceptance of offer, no intimation will be given to the Tenderers.
- 2.5 Conditional offers or alternative offers are likely to be ignored.
- 2.6 Quotations should be based on:-
F.O.R. station of dispatch basis, i.e. delivered free on rail, inclusive of packing and forwarding charges. The stores will be booked under Military Credit Note, to be provided by the purchaser. **and / or**
Free delivery at POF’s stores at **HAVELIAN**.
In this case Octroi duty if any, will be payable by the supplier.
- 2.7 Taxes and Duties etc. where applicable, must be shown separately, quoting references to Registration No. in case of Sales Tax and relevant authority in the case of others. Offer without these clarification and inclusive of Taxes and Duties may be ignored.
- 2.8 Taxes and duties levied on or after tender opening date or on or after the date offer was signed and dispatched will be allowed to include in the offered rates.
- 2.9 Suppliers will furnish a certificate, issued by Excise & Taxation deptt. that he has cleared all Professional Tax payable by him, offers received without this certificate will be rejected.
- 2.10 The Supplier will render necessary information regarding hazardous effects on environment of the material/products supplied by them, in their quotation and shipping/dispatch documents.
- 2.11 If the requisite information is not furnished on the T.E forms or offer received is not conformity with the requirement of T.E such offer shall be ignored.

3. INSPECTION

- 3.1 Supplies shall be subject to the inspection and acceptance by the competent inspection authority nominated by the Purchaser, who will arrange it at his own cost. Inspection facilities such as tools, test equipment, instruments etc will, however, be provided by the Suppliers in accordance with the relevant specifications.
- 3.2 Where considered necessary by the Purchase, the stores may be obtained on Warranty/Guarantee subject to inspection on receipt. Rejected stores will be removed and replaced with the acceptable stores by the supplier at his own expense, within a specified time.

4. TENDER FEE

The tender must be accompanied by a non-refundable fee by means of a crossed Postal order/Pay/ Order amounting to **Rs. 500/-** in favour of **MD POF HAVELIAN CANTT**. This should be attached with Part-I Technical Quotation.

- 4.1 Where required, offer must accompany tender sample, strictly according to the description and specification given in Tender Enquiry. Offer not accompanied by tender sample will NOT be entertained excepting the established and reputable firms who have

either previously satisfactorily supplied the same or similar stores or have submitted an acceptable sample thereof against previous T.E.

5. BID MONEY

- 5.1 Bid Money at the rate of **2 % (for registered firms with POFs)** and **5% (for un-registered firms)** of the quoted value should accompany the tender in the shape of Call at Deposit Receipt, from a scheduled Bank drawn in favour of:-

M.D. POF HAVELIAN CANTT

Tenders received without Bid Money will be rejected.

Bid Money should be attached with Part-II Commercial Quotation, however, as a proof only CDR No. & date (without indicating value) may be mentioned in Part-I Technical quotation.

- 5.2 Bid Money of the unsuccessful tenderer will be returned as soon as the scrutiny of the tenders is completed. Bid Money of the successful tenderers will be retained until the contract is finalized. Bid Money will be forfeited in case the quotation is withdrawn before the expiry of its validity date.
- 5.3 State owned organizations are not required to provide Bid Money.

6. ACCEPTANCE OF OFFERS

- 6.1 POF-Havelian reserve the right to reject all bids or proposals at any time prior to the acceptance of a bid or proposal and shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.

6.2 PERFORMANCE BOND

- (a) The successful bidders shall provide Performance bond within 20 days after issuance of LOI at the rate, prescribed by POF Board according to the value of contract which shall not exceed **10%** of contract value, in the form of a Deposit At Call Receipt from a scheduled Bank; or, **an un-conditional Bank Guarantee valid for 12 months** after successful installation and commissioning of receipt store in POFs on a prescribed format. The Performance Bond will be in favour of C.M.A. POF Wah Cantt. It will be returned on satisfactory completion of the contract.
- (b) If the Supplier fails to furnish the Performance Bond within the specified time, such failure will constitute a breach of the contract and the Purchaser shall be entitled to make other arrangements for purchase of the stores at the risk and expense of the Supplier.
- (c) Performance Bond from State owned organizations may be waived off at the discretion of the Purchaser.

6.3 FAILURE TO SUPPLY THE STORES.

All deliveries must be by the specified date. IF the failure to deliver the stores within the scheduled time should have arisen from "**Force Majeure**", which the purchaser may admit as reasonable ground for further time, he will allow such additional time as he may consider to have been required by the circumstances of the case. Otherwise, he will be entitled, at his discretion, to cancel the contract; and / or claim liquidated damages upto 2% but not less than 1% of the contract price of the items and their quantities for each and every month or part of a month, beyond the specified delivery date, during which these may not be delivered, subject to maximum of 10% of the total contract value of the

particular stores which remained unsupplied either in part or in full; or, to purchase from elsewhere, the unsupplied stores at the risk and cost of the supplier.

7. PAYMENT

- 7.1** Payment will be made on FOR basis as per following, by C.M.A (POF) through cross Cheque on our prescribed bill form supported by receipt voucher.
- 7.2** 70% payment on receipt of complete store at POF Havelian after physical inspection and acceptance.
- 7.3** 30% payment will be subjected to successful FAT after installation & commissioning.
- 7.4.** Payment of duties /Taxes including professional tax (where applicable) must be supported by proof of having paid these to concerned Govt. Taxation Deptt:

8. SECURITY OF INFORMATION

The tenderer and his employees must not communicate any information relating to the sale/purchase of stores under this enquiry to any person other than the manufacturer or to any press or agent not authorized in writing by POFs to receive it.

Please return the Schedule to the Tender duly signed by the specified date, alongwith the specifications, drawings etc. if any, enclosed herewith even if you are unable to quote.

WARNING

In case the firm abstain from making offers or fail return/acknowledge the tender form by the specified date on three consecutive occasions, no further tender enquiry may be issued to them and their names would be liable to remove from the approved list.

Yours Faithfully

MANAGING – DIRECTOR
PAKISTAN ORDNANCE FACTORIES

Tele: +92-992-810001, 3 Ext. 28604, 28257, 28614, 28601
Fax: +92-992-810318
e.mail: mdhvn@pof.gov.pk

PAKISTAN ORDNANCE FACTORIES
Schedule to Tender Enquiry
No. 0005-Hvn-LP-Capt-Pur, Dated 04-01-2022

(1) For Plant and Machinery

Item No	Description with Spec etc.	A/U	Qty	Price Rs.		Delivery Date
				In Figures	In Words	
i	11KV (630A) VCB SWITCH BOARD HT PANEL	No	07			
ii	11KV (630A) VCB SWITCH BOARD HT POWER FACTOR PANEL	No	01			
iii	LT ACCESSORIES (As per Annex-A)					

Technical Evaluation Criteria

- a. The offered product will be technically evaluated on the basis of attached Annex-A.
- b. Technical quotation may be supported with literature/brochure.
- c. Attached Annex-B may be filled and signed/stamped.

2) For Plant & Machinery Specification

} **Annex-A (Attached)**

(3) Special Conditions:

Only Registered suppliers with Sales Tax & Income Tax Deptt.) who are on Active Taxpayers List (ATL) of FBR are eligible to supply goods/services (Sales Tax Registration & NTN must be enclosed with the quotations).

- i. Quotation must be according to our requirement, size and specification. The conditional or technically deviated offers from our terms/conditions as well as specifications shall be out rightly rejected.
- ii. Offer without complete Bid Money (CDR only) & Tender Fee (Postal Orders/Pay order) in accordance with clause No. 4 & 5 will not be entertained.
- iii. Fax/E-Mail offer will not be entertained.
- iv. Quotation submitted on Schedule to TE must be signed / Stamped.
- v. Basic Price and Sales Tax should be quoted separately.
- vi. In case, the order is placed on your firm, Professional Tax Certificate issued by the Govt. of KPK will have to be submitted along with the bill against supplies as per prevailing rates of E&T deptt. KPK.

(4) Undertaking

Should our offer be accepted, we hereby undertake to supply the stores/render the services contracted on the basis of General conditions of contract embodied in Form POF 1281, and to deposit the performance bond within the prescribed time, failing which it will constitute a breach of contract, and POF will have the right to purchase the stores/services elsewhere at our risk and cost.

Place _____

Signature of Tenderer _____

Date _____

Name _____

Position _____

Address _____

Income Tax G.I.R. No _____

Official Stamp _____

TECHNICAL SPECIFICATION**1) 11 KV (630A)z VCB HT PANEL****11 KV, 630 A, 25KA FEEDER PANEL (MOTORIZED) WITH VACUUM CIRCUIT BREAKER (QTY- 05 NOS)**

Feeder Panel (Motorized) with vacuum circuit breaker, Sheet Steel, floor mounting, metal clad, totally enclosed, indoor type, fully interlocked, air insulated, medium voltage switchgear suitable for operation on 11KV, 3-phase, 50Hz supply tested in accordance with latest IEC standard for rupturing capacity of 25KA BIL 95KV, each panel comprising of :-

Sr.#	DESCRIPTION	QTY
1	Mild Steel sheet (14SWG), floor-mounting cubical structure provided with anti-corrosive paint on internal and external surfaces coated with standard color RAL-7032.	01 No
2	3-phase set of H.D.H.C Main copper bus bar 1250A rating (Size : 1x80x10mm or 2x80x5mm) & dropper bus bar 630A rating (Size : 1x50x10mm or 2x50x5mm)	03 Nos
3	Single pole, fixed and moving cluster type isolating contact giving double isolating facilities per phase.	06 Nos
4	Set of automatic safety shutters marked "BUSBARS & CABLES" respectively	02 Nos
5	Triple pole, draw out cassette type Vacuum Circuit Breaker Rated voltage =17.5KV Normal current = 630A Short circuit breaking current = 25KA Duration of short circuit = 3 sec Rated peak with stand current making capacity (Peak value) = 63 KA Power frequency with stand voltage = 38KV/95 KV Lightning impulse with stand voltage = 95KV Frequency = 50Hz Model: VD4/P 17.06.25 or Eqv. duly certified and mounted on with draw able truck to facilitate horizontal isolation and withdrawal fitted with the following:- i. Circuit breaker isolating mechanism. ii. Motor Charging mechanism 230V A.C along with manual charging facility. iii. Shunt trip coil 24-30V DC. iv. Closing coil 24-30V DC. v. Push button to trip. vi. Push button to close. vii. Auxiliary switch. viii. Counter Meter. (Make: ABB, Siemens or Equivalent)	01 No
6	Dry Type Current Transformer ratio 400/5/5A, 15VA,5P 20 class for protection and 10 VA, class 1 for metering, BIL12/36/ 95 KV, (Make: FICO, PEL or Eqv)	03 Nos
7	Dry Type SP Potential Transformer ratio 11000/1.732/110V/1.732, burden 100VA, class 0.5, BIL 12/36/95KV (Make: FICO or Eqv)	03 Nos
8	3-phase, 4-wire, 50 Hz Digital KWH meter CT input 5A, PT 110V/AC (Make: PEL, Elster or Eqv)	01 No
9	Digital type Ammeter with selector switch (Make: Ziegler or Eqv)	01 No
10	Digital Volt meter with selector switch (Make: Ziegler or Eqv)	01 No
11	MICOM P-521, Feeder differential protection relay, Communication Mod Bus, BOGZ112DEO, Fiber optical cable connection, Aux voltage 24-250VDC/48-240VAC (Make: Schneider or Eqv)	01 No
12	Anti condensation Heater with thermostate 230V AC-50Watt in bus bar and cable compartment	02 No
13	TP MCB 06A-10A for control (Make: Schneider or Eqv)	As per requirement
14	DP, MCB 06A-10A for control (Make: Schneider or Eqv)	

15	Designation label	01 No
16	LED type indication light (Red, Yellow, Green)	03 Nos
17	Push button for ON (Make: Lovato or Eqv)	01 No
18	Push Button for OFF (Make: Lovato or Eqv)	01 No
19	Set of vermin screen	01 No
20	Door limit switch, Door operated 230VAC, 50Hz	01 No
21	Panel Light/Lamp, 60 Watt, 230VAC	01 No
22	Cable clamp for suitable cable on bottom	01 No
SPARES		
	Dry Type Current Transformer ratio 400/5/5A, 15VA,5P 20 class for protection and 10 VA, class 1 for metering, BIL12/36/ 95 KV, (Make: FICO, PEL or Eqv)	03 Nos

11 KV, 630 A, 25KA TRANSFORMER PANEL (MOTORIZED) WITH VACUUM CIRCUIT BREAKER (QTY- 02 NO)

Transformer Panel (Motorized) with vacuum circuit breaker, Sheet Steel, floor mounting, metal clad, totally enclosed, indoor type, fully interlocked, air insulated, medium voltage switchgear suitable for operation on 11KV, 3-phase, 50Hz supply tested in accordance with latest IEC standard For rupturing capacity of 25KA BIL 95KV, comprising of:-

Sr.#	DESCRIPTION	QTY
1	Mild Steel sheet (14SWG) , floor-mounting cubical structure provided with anti-corrosive paint on internal and external surfaces coated with standard color RAL-7032.	01 No
2	3-phase set of H.D.H.C Main copper bus bar 1250A rating (Size : 1x80x10mm or 2x80x5mm) & dropper bus bar 630A rating (Size: 1x50x10mm or 2x50x5mm)	03 Nos
3	Single pole, fixed and moving cluster type isolating contact giving double isolating facilities per phase.	06 Nos
4	Set of automatic safety shutters marked "BUSBARS & CABLES" respectively	02 Nos
5	Triple pole, draw out cassette type Vacuum Circuit Breaker Rated voltage =17.5KV Normal current = 630A Short circuit breaking current = 25KA Duration of short circuit = 3 sec Rated peak with stand current making capacity (Peak value) = 63 KA Power frequency with stand voltage = 38KV/95 KV Lightning impulse with stand voltage = 95KV Frequency = 50Hz Model: VD4/P 17.06.25 or Eqv. duly certified and mounted on with draw able truck to facilitate horizontal isolation and withdrawal fitted with the following:- i. Circuit breaker isolating mechanism. ii. Motor Charging mechanism 230V A.C along with manual charging facility. iii. Shunt trip coil 24-30V DC. iv. Closing coil 24-30V DC. v. Push button to trip. vi. Push button to close. vii. Auxiliary switch. viii. Counter Meter. (Make: ABB, Siemens or Equivalent)	01 No
6	Dry Type Current Transformer ratio 200/5/5A, 15VA,5P 20 class for protection and 10 VA, class 1 for metering, BIL12/36/ 95 KV, (Make: FICO, PEL or Eqv)	03 Nos

7	Dry Type SP Potential Transformer ratio 11000/1.732/110V/1.732, burden 100VA, class 0.5, BIL 12/36/95KV (Make: FICO or Eqv)	03 Nos
8	3-phase, 4-wire, 50 Hz Digital KWH meter CT input 5A, PT 110V/AC (Make: PEL, Elster or Eqv)	01 No
9	Digital type Ammeter with selector switch (Make: Ziegler or Eqv)	01 No
10	Digital Volt meter with selector switch (Make: Ziegler or Eqv)	01 No
11	MICOM P-122, Earth Fault, Over current protection Relay, Communication Mod Bus, Aux voltage 24-250VDC/48-240VAC (Make: Schneider or Eqv)	01 No
12	Anti condensation Heater with thermostat 230V AC-50Watt in bus bar and cable compartment	02 No
13	TP MCB 06A-10A for control (Make: Schneider or Eqv)	As per requirement
14	DP, MCB 06A-10A for control (Make: Schneider or Eqv)	
15	Designation label	01 No
16	LED type indication light (Red, Yellow, Green)	03 Nos
17	Push button for ON (Make: Lovato or Eqv)	01 No
18	Push Button for OFF (Make: Lovato or Eqv)	01 No
19	Set of vermin screen	01 No
20	Door limit switch, Door operated 230VAC, 50Hz	01 No
21	Panel Light/Lamp, 60 Watt, 230VAC	01 No
22	Cable clamp for suitable cable on bottom	01 No
SPARES		
	Dry Type Current Transformer ratio 200/5/5A, 15VA,5P 20 class for protection and 10 VA, class 1 for metering, BIL12/36/ 95 KV, (Make: FICO, PEL or Eqv)	03 Nos

2) **11KV (630A) POWER FACTOR PANEL**

11 KV, 630 A, 25KA POWER FACTOR PANEL (MOTORIZED) WITH VACUUM CIRCUIT BREAKER (QTY- 01 NO)

Power factor Panel (Motorized) with vacuum circuit breaker, Sheet Steel, floor mounting, metal clad, totally enclosed, indoor type, fully interlocked, air insulated, medium voltage switchgear suitable for operation on 11KV, 3-phase, 50Hz supply tested in accordance with latest IEC standard for rupturing capacity of 25KA BIL 95KV, comprising of :-

Sr.#	DESCRIPTION	QTY
1	Mild Steel sheet (14SWG) , floor-mounting cubical structure provided with anti corrosive base coat of painting uniform layer (70-80 microns) on internal and external surfaces spray finished powder coated with standard color RAL-7032. 11KV panel should be compact in size especially in width	01 No
2	3-phase set of H.D.H.C Main copper bus bar 1250A rating (Size : 1x80x10mm or 2x80x5mm) & dropper bus bar 630A rating (Size: 1x50x10mm or 2x50x5mm)	03 Nos
3	Single pole, fixed and moving cluster type isolating contact giving double isolating facilities per phase.	06 Nos
4	Set of automatic safety shutters marked "BUSBARS & CABLES" respectively	02 Nos
5	Triple pole, draw out cassette type Vacuum Circuit Breaker Rated voltage =17.5KV Normal current = 630A Short circuit breaking current = 25KA Duration of short circuit = 3 sec Rated peak with stand current making capacity (Peak value) = 63 KA	03 Nos

	<p>Power frequency with stand voltage = 38KV/95 KV Lightning impulse with stand voltage = 95KV Frequency = 50Hz Model: VD4/P 17.06.25 or Eqv. duly certified and mounted on with draw able truck to facilitate horizontal isolation and withdrawal fitted with the following:-</p> <ol style="list-style-type: none"> i. Circuit breaker isolating mechanism. ii. Motor Charging mechanism 230V A.C along with manual charging facility. iii. Shunt trip coil 24-30V DC. iv. Closing coil 24-30V DC. v. Push button to trip. vi. Push button to close. vii. Auxiliary switch. viii. Counter Meter. <p>(Make: ABB, Siemens or Equivalent)</p>	
6	TP Earthing switch (Make: PEL or Equivalent)	03 Nos
7	TP Vacuum contactor, installation fixed, operational voltage 11KV, Rated voltage 12KV, Aux. contact 3A+3B, Rated current 400A, Breaking capacity: 4KA, Operational coil voltage:220VAC, BIL:42/75 KA, continuously energized fuse holder (Make: ABB, Siemens, LSIS or Equivalent)	06 Nos
8	50A, 11KV fuse operation volt 11KV, rated volt 12KV, BIL 17.5/38/95KV-for 450KVAR (Make: PEL, Schneider Electric, Siemens or Equivalent)	03 Nos
9	63A, fuse operation voltage 11KV, rated voltage 12KV, BIL 17.5/38/95KV- For 900KVAR (PEL/ Schneider Electric, Siemens or Equivalent)	03 Nos
10	Holding clip for above fuse	12 Nos
11	Dry Type Current Transformer ratio 50/5/5A, 15VA,5P 20 class for protection and 10 VA, class 1 for metering, BIL12/36/ 95 KV, (Make: FICO, PEL or Eqv)	03 Nos
12	Dry Type SP Potential Transformer ratio 11000/1.732/110V/1.732, burden 100VA, class 0.5, BIL 12/36/95KV (Make: FICO, PEL or Eqv)	03 Nos
13	Numerical 3 step PFI relay, suitable for 5A CT secondary model:, Aux. Power supply : 24-30VDC / AC (Schneider Electric or Eqv)	01 No
14	MICOM P-122, Earth Fault, Over current protection Relay, Communication Mod Bus, Aux voltage 24-250VDC/48-240VAC (Make: Schneider Electric France or Eqv)	01 No
15	Neutral unbalancing CT for common earth of capacitors ratio: 50/1A, Class 3.0, 10VA (PEL or Equivalent)	03 Nos
16	Neutral unbalance protection relay (PEL, Schneider Electric or Equivalent)	03 Nos
17	Digital type Ammeter with selector switch (Make: Ziegler or Eqv)	01 No
18	Power factor meter suitable for 5A CT secondary sensing supply: 110VAC.Size 96x96mm	01 No
19	Digital Volt meter with selector switch (Make: Ziegler or Eqv)	01 No
20	AOM selector switch 3-Position + 6 Cell	01 No
21	LOR selector switch 3-Position + 6 Cell	01 No
22	Magnetic contactor 110V AC with 3 NO+2NC Aux contact (Schneider Electric or Equivalent)	06 Nos
23	Push button, 25 mm dia, Green” for OFF	04 Nos

24	Push button, 25 mm dia, Red” for ON	
25	Indicating light “LED type” 110VAC, 22mm dia, “Red” for VCB & contactor ON	04 Nos
26	Indicating light “LED type” 110VAC,22mm dia “Green” for VCB & contactor OFF	04 Nos
27	Indicating light “LED type” 110VAC, 22mm dia, “Red” for Phase	01 No
28	Indicating light “LED type”110VAC,22mm dia, “Yellow” for Phase &neutral O/L fault	04 Nos
29	Indicating light “LED type” 110VAC, 22mm dia, “Blue” for Phase	01 No
30	SP MCB rated 06 A for control (Schneider Electric or Equivalent)	03 Nos
31	DP MCB rated 06 A for control (Schneider Electric or Equivalent)	03 Nos
32	SP MCB rated 10 A for control (Schneider Electric or Equivalent)	03 Nos
33	Exhaust fan	03 Nos
34	Auto ON/OFF/Manual selector switch for heater (3-Position+1Cell)	01 No
35	Thermostat for exhaust fan	03 No
36	SP MCB rated 06 A for control fan (Schneider Electric or Equivalent)	01 No
37	Set of vermin screen	01 No
38	Door limit switch, Door operated 230VAC, 50Hz	01 No
39	Panel Light/Lamp, 60 Watt, 230VAC	01 No
40	Glands for outgoing and incoming cables	01 No
SPARE		
i.	Dry Type Current Transformer ratio 50/5/5A, 15VA,5P 20 class for protection and 10 VA, class 1 for metering, BIL12/36/ 95 KV, (Make: FICO, PEL or Eqv)	03 Nos
ii.	50A, 11KV fuse operation volt 11KV, rated volt 12KV, BIL 17.5/38/95KV-for 450KVAR (Make: PEL, Schneider Electric, Siemens or Equivalent)	03 Nos
iii.	63A, fuse operation voltage 11KV, rated voltage 12KV, BIL 17.5/38/95KV- For 900KVAR (PEL/ Schneider Electric, Siemens or Equivalent)	03 Nos

3. LT ACCESSORIES:

Sr. #	Description of store	Qty. (No)
1	125A SP MCCB 25 KA, Fixed type, Make: Terasaki/Equivalent	15
2	200A P MCCB 25 KA, Fixed type, Make: Terasaki/Equivalent	02
3	50 A Magnetic Contactors, Make: Fuji/Equivalent	04
4	Timer, Make: Hager/Equivalent	02
5	SP 6/10A MCB, Make: Terasaki/Equivalent	15
6	Battery Charger 24V, Make: Deep Sea Electronics/Equivalent	03

4. General Condition:

- 4.1 Being a Turn Key project i.e. engineering, design, supply, installation and commissioning will be the responsibility of supplier. Firm will be responsible to include all major and minor equipment, accessories, hardware and software whether this additional requirement is included in contract or otherwise to make the system most suitable for successful commissioning, post commissioning & operations. Moreover, any miss-match at any level in hardware or software will be responsibility of the firm for proper & acceptable satisfaction free of any cost.
- 4.2 For any change/up-gradation/provision of any spares to operate hardware, firm will be responsible to up-grade system free of cost.
- 4.3 Firm will provide technical support (Software & Hardware) along with provisioning of spare parts as per requirement for next 10 years.
- 4.4 During the warranty period, all the spares and services will be given free of cost by the firm.
- 4.5 All components/ parts of the entire system/components should confirm safe and long lasting operation in intense/ extreme weather conditions.

- 4.6 The supplier will provide the time schedule for completion of the project. The completion of the project may not exceed a period of 05 months after issuance of contract.
- 4.7 The supplier will be responsible to send their technical rep for site survey/ feasibility study before submission of quotation otherwise offer will be subjected to clear rejection.
- 4.8 In case of any amendment/alteration or any other spare part required during the installation commissioning, the supplier will be responsible to carry out the same at his own cost.
- 4.9 Supplier will be responsible to provide complete execution plan before start of work and will install all equipment manufactured by a reputed OEM (PEL/ Siemens/ Schneider Electric or Equivalent).

5. Scope of Supply:

- 5.1 Being a turnkey project, all contiguous/ related and requisite store will be provided by the supplier.

6. Inter Stage / Pre shipment Inspection (PSI) at Firms Premises:

- 6.1 Supplies shall be subject to the inspection and acceptance by the competent inspection authority nominated by the Purchaser, who will arrange it at his own cost.
- 6.2 Inspection facilities such as tools, test equipment, instruments etc will, however, be provided by the Suppliers.

7. Documentation:

- The supplier will be responsible to furnish related technical data (04 copies each in English language) including the following:
- 7.1 Detailed drawings & specifications of the equipment/machinery.
 - 7.2 Equipment layout and schematic diagram.
 - 7.3 Testing report of panels & HT breakers.
 - Offered type Breaker of 11KV panel must have type tested report from any Standard Testing Lab.
 - Panel manufacturing firm should be WAPDA approved & must have Type Tested report of 11KV Panel from any foreign Standard Testing Lab or HVSC Lab Rawat Pakistan.
 - 7.4 Maintenance and services manuals of the machinery.

8. Commissioning & Final Acceptance Test

- 8.1 Commissioning & Final Acceptance Test will be carried out under supervision of seller's technical team.
- 8.2 Seller will bear all expenses of its technical team during commissioning.
- 8.3 Trial run will be subjected to success functionality/ Operation of whole unit for at least two weeks.

9. Warranty Guarantee:

- 9.1 The supplier will have to provide warranty / guarantee for a period of one year smooth functioning of the feeder and Transformer Panel, including free of cost supply of spare parts.
- 9.2 One year warranty / guarantee period will be started from the date of satisfactory conclusion of FAT.
- 9.3 Test & trial of machines/equipment shall be carried out after complete installation & commissioning for at least two weeks in POF Havelian under supervision of supplier expert.

NOTE:

POF shall deal with the supplier directly without involvement of any agents. POF will not pay any commission to agents/ third party.

SUPPLIER'S CAPABILITY

1. NAME OF THE FIRM: _____
ADDRESS: _____

1.1 - TELE:NO: _____

1.2- FAX NO: _____

1.3- E.MAIL ADDRESS: _____

2. WHETHER PUBLIC LTD, PRIVATE LTD, PARTNERSHIP
OR SOLE PROPRIETORSHIP: _____

3. ESTABLISHED SINCE: _____

4. CAPACITY: (Manufacturer / Stockist/Agent to foreign Firm): _____

5. IF MANUFACTURER, PROVIDE FOLLOWING DETAILS:

5.1- RANGE OF PRODUCTS MANUFACTURED: _____

5.2- DETAIL OF PLANTS, MACHINERY AND MAJOR EQUIPMENTS:
(Attach separate sheet if required):

6. INSPECTION/QUALITY ASSURANCE FACILITIES: _____

7. ISO-9000 CERTIFIED IF SO ATTACH NECESSARY DOCUMENTS

8. IF STOCKIST, PROVIDE FOLLOWING:-

8.1- DETAILS OF STOCKS HELD: - _____

8.2- APPROX. STOCK VALUE _____

8.3- LOCATION OF STOCKS: _____

ORGANISATIONAL DETAILS.

9. WHETHER THE FIRM IS REGISTERED WITH THE FOLLOWING DEPTTS.
(Give registration No., Date and attach copies of the necessary documents).

9.1 DP/ARMY OR ANY GOVT./SEMI GOVT. DEPTT: _____

9.2- IMPORT TRADE CONTROL DEPTT: _____

9.3- SALES TAX DEPTT: _____

9.4- INCOME TAX DEPTT: _____

FINANCIAL STATUS: _____

(Bank certificate to be attached)

Signature _____

Name: _____

Position: _____

Stamp