

GOVERNMENT OF PAKISTAN
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY

To

M/s _____

Dear Sirs,

Reference: **TENDER ENQUIRY NO. POF-5226-LP-Capt(2)-Pur-Gdl DATED 07.06.2022.**

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. Tender will be opened as per PPRA Rule 36(b) i.e., Single Stage Two Envelopes Basis at Bid Centre, Room No.3, adjacent to Rabita Hall POF Wah Cantt at **11:00 hrs** on **25-07-2022** and must reach at below mentioned address on or before **10:30 hrs** upto 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. Only one tender should be included in one envelope. The outside of the envelope should be inscribed with: -

Tender Enquiry No: **POF-5226-LP-Capt(2)-Pur-Gdl DATED 07.06.2022**

Tender to be opened on: **25-07-2022 at 11:00 Hours**

Address as follows:-

**Incharge (Bid Centre)
Adjacent to Rabita Hall, POF Wah Cantt.
Teh. Taxila Distt. Rawalpindi.**

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

2. **GENERAL INSTRUCTIONS REGARDING PREPARATION OF QUOTATIONS & Evaluation Criteria**

T.E will be opened as per PPRA Rule 36(b) i.e., single stage, two envelope method. Case would be processed as per PPRA Rules / POF Purchase Procedure and contract would be awarded to most Advantageous Bidder on the basis of **Bid Qualification Criteria (Annex-B).**

2.1 For materials, the prices should be filled in column 5 and delivery date in column 6 of the schedule to this Tender Enquiry. The undertaking should be signed at the bottom of the schedule, which shall form the Quotation. You may use a separate sheet if necessary.

2.2. You are required to quote in two parts:-

Part I "**Technical offer**": It should exclusively give technical details and literatures/brochures of the offered store, plant, machinery and equipment; validity date; delivery schedule; and signed undertaking given on the schedule to this Tender Enquiry. It must not indicate price, costs etc.

-:2:-

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.”

- 2.3 The quotation must remain valid for, at least 90 days (extendable if so desired) from the date of opening of Commercial offer.
- 2.4 The quotation should hold good for any reduced quantities without notice.
- 2.5 In the event of non-acceptance of offer, intimation will be given to the Tenders on the their request.
- 2.6 Conditional offers or alternative offers are likely to be ignored.**
- 2.7 Quotations should be based on:-

F.O.R. station of despatch 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 store at **POF Gadwal Wah Cantt** in this case octroi duty will be payable by the supplier.

- 2.8 Taxes and Duties etc. where applicable must be shown separately, quoting reference to Registration No. in cases of Sales Tax and relevant authority in the case of others. Offer without these clarifications and inclusive of Taxes and Duties may be ignored.
- 2.9 Taxes and duties levied on or after Tender opening date or on or after the date offer was signed and despatched will be allowed to include in the offered rates.
- 2.10 "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.
- 2.11 Suppliers will render necessary information regarding hazardous effects on environment, of the materials/products supplied by them, in their quotations and shipping/despatch documents.
- 2.12 If the requisite information is not furnished on the T.E. Forms or offer received is not conformity with the requirement of the T.E. such offer shall be ignored.
- 2.13 Engineering design, supply, installation with existing system and commissioning will be the responsibility of supplier. Firm will be responsible to include all major and minor equipments, 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.
- 2.14 For any change/up-gradation/provision of any spares to operate hardware, firm will be responsible to up-grade system free of cost.
- 2.15 Firm will provide technical support (Software & Hardware) along with provisioning of spare parts as per requirement for next 10 years.
- 2.16 During the warranty / guaranty period, all the spares and services will be given free of cost by the firm.
- 2.17 All components/ parts of the entire system/components should conform safe and long lasting operation in intense/ extreme weather conditions.

-:3:-

- 2.18 The supplier will provide the time schedule for completion of the project with effect from issuance of the contract.
- 2.19 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.
- 2.20 Supplier will be responsible to provide complete execution plan before start of work and will quote / install all equipment manufactured by a reputed OEM (PEL/ Siemens/ Schneider Electric or Equivalent).

3. Inter Stage / Pre Delivery Inspection (PDI) at Firms Premises:

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

4. Documentation:

The supplier will be responsible to furnish related technical data (04 copies each in English language) including the following:

- 4.1 Detailed drawings & specifications of the equipment/machinery.
- 4.2 Equipment layout and schematic diagram.
- 4.3 Offered type Breaker of 11KV must have type tested report from any specification Testing Lab (Stl).
- 4.4 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.
- 4.5.1 Maintenance and services manuals of the machinery.

5. Commissioning & Final Acceptance Test

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

6. TENDER FEE

The tender must be accompanied by a non-refundable fee by means of a crossed postal order/pay order of Rs.500/- in favour of **Director Admin POFs Wah Cantt.**

-:4:-

6.1 TENDER SAMPLE

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.

7. BID SECURITY

- 7.1 Bid Security at the rate of 2% (for registered firms) and 5% (for unregistered firms) of the quoted value, should accompany the tender (Commercial offer, the evidence of same must be contained in Technical Offer without showing the value) in the shape of Deposit At Call Receipt/Pay Order/Banker's Cheque, from a Scheduled Bank drawn in favour of:-

G.M-PP&C-POF-Gadwal, Wah Cantt.

Tenders received without Bid Security will be rejected.

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

8. ACCEPTANCE OF OFFERS

- 8.1 POF may reject all bids or proposals at any time prior to the acceptance of a bid or proposals; however reason for rejection will be communicated. POF shall render no liability towards suppliers or contractors who have submitted bids or proposals.

8.2 PERFORMANCE BOND

(a) The successful bidder shall provide Performance Bond which shall not exceed 10% of contract value in the form of Deposit At Call Receipt from any scheduled bank; or, an un-conditional Bank Guarantee valid for 24 months after receipt and acceptance of store in POF 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 the other arrangements for purchase of the stores at the risk and expense of the supplier.

- 8.3 Performance bond from state owned organizations may be waived off at the discretion of the purchaser.

8.4 FAILURE TO SUPPLY THE STORES.

All deliveries must be completed by the specified date. If the failure to deliver the stores within the scheduled time should have arisen from "Force Majeuro", 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

-:5:-

every month or Part of a month, beyond the specified delivery date, during which these may not be delivered, subject to a 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.

8.5 PAYMENT.

- i. 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.
- ii. 100% payment will be subjected to successful FAT after installation & commissioning.
- iii. Payment of duties/Taxes including professional tax (where applicable) must be supported by proof of having paid these to concerned Govt. Taxation Deptt.

9. 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.

10. The supplier will have to provide warranty / guarantee for a period of two years smooth functioning of the Transformer Panel, Feeder panel & End Termination Kits including free of cost supply of spare parts.
11. Two years warranty / guarantee period will be started from the date of successful & satisfactory conclusion of FAT.
12. Test & trial of machines/equipment shall be carried out after complete installation & commissioning for at least two weeks in POF Gadwal 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.

Please return the Schedule to the tender duly signed by the specified date, along with 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 to return/acknowledge the tender form by the specified date on three consecutive occasions, no further tender enquiry will be issued to them and their names would be liable to remove from approved list.

Yours faithfully,

-----sd-----
GM-PP&C-POF GADWAL
For PAKISTAN ORDNANCE FACTORIES

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO.POF-5226-LP-Capt(2)-Pur-GDL DATED 07-06-2022.

1.

| (1) | (2) | (3) | (4) | (5) | (6) |
|----------|------------------------------------------------------------------------------------------------------|--------|------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Item No. | Description with Spec. etc. | Unit. | Qty. | Quoted Price per Unit FOR Basis <u>In figure In words</u> | Delivery Date |
| 1. | KIOSK 750KVA 11KV/415V (outdoor Type) Spec. As per attached Annex'A' | No | 01 | | Within 03 months from the date of placement of contract duly inspected / accepted by GM-Engg-POF-Gdl |
| 2. | 11KV 630A, 25KA Feeder Panel Spec. As per attached Annex'A' | No | 01 | | |
| 3. | HT Cable XLPE 185mm ² /3-core Spec. As per attached Annex'A' | Meters | 160 | | |
| 4. | LT Cable PVC 300mm ² /4-core Spec. As per attached Annex'A' | Meters | 100 | | |
| 5. | HT Cable PVC end termination Kit 185mm ² /3-core Spec. As per attached Annex'A' | Nos | 02 | | |
| 6. | LT Cable PVC end termination Kit 300mm ² /4-core Spec. As per attached Annex'A' | Nos | 04 | | |

Note:- Specifications. As per Annex'A'

(2) Special Conditions:-

- Tender will be opened as per PPRA Rule 36(b) i.e, Single Stage – two envelopes procedure (or as per clause 2.2 of Tender Enquiry)
- Only single competitive offer mentioning specific make / model / brand will be submitted by the bidder against each item
- Quotation must be supported with Technical literature.
- Validity of offer (at least 90 days extendable if so required) will be considered from opening of commercial offers.
- Only registered suppliers (with Sales Tax & Income Tax Deptt) who are on Active Tax Payer List (ATL) of FBR are eligible to supply goods/services to Government Departments.
- The Payment to registered persons shall be linked with the Active Tax Payer status of the suppliers as per FBR database. If any registered supplier is not in ATL his payment should be stopped till he files his mandatory returns and appears on ATL of FBR.
- Inspection Authority:- GM-Engg-POF-Gadwal or his authorized Rep.**
- Fax offers, email offers and offers without or with less Bid Security and without Tender Fee will not be entertained.
- Offers of the National Bidders will be entertained only.

Note:- For further details/queries please contact through e-mail mdgdl@pof.gov.pk3. Undertaking.

Should our offer be accepted, we hereby undertake to supply the stores/tender 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_____

Date_____

Signature of the Tenderer_____

Name_____

Position_____

Address_____

Income Tax G.I.R. No._____

TECHNICAL SPECIFICATION

| Sr. # | Description of Store | Qty |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | <p><u>750 KVA PACKAGE TYPE OUTDOOR KIOSK SUBSTATION</u></p> <p>750 KVA pad mounted package type outdoor kiosk substation equipped with 11000/415V, 3- phase transformer of vector group dyn11, sheet steel clad totally enclosed, suitably protected from weather effect with separate compartments/housings for HT switchgear, transformer and L.T switchgear. Also fitted with 3-phase, 4-wire electronic meter (KWH meter) to be operated in conjunction with CT's of appropriate ratio and accuracy class 1-1.5 on LT side of kiosk for measuring of electrical energy. Further details are as under: -</p> <p>a) <u>H.T COMPARTMENT:</u> H.T Compartment shall accommodate the following: 12KV Ring Main Unit (RMU) (2 Ring + 1 Transformer feeder) and shall have the following ratings. Rated Normal current of ring main feeder 630A, Rated frequency 50Hz, Rated voltage 12KV, operating voltage 11KV, rated lightning impulse withstand voltage 95KV, rated power frequency withstand voltage 36KV insulating and switching medium SF6, Rated short time withstands current 25KA, Rated short time making current of ring main feeder 63KA. With 03x11KV HRC fuses suitable for 750KVA Transformer protection. (Make: Siemens, Schneider or Eqvl)</p> <p>b) <u>TRANSFORMER:</u> 750 KVA outdoor type Transformer, oil immersed, naturally cooled, double wound, core type in conservator design, 3-phase, 50 Hz, 11000/415 volts and off load tapping of $\pm 2.5\% \pm 5\%$, $\pm 7.5\%$, impedance 5% (tolerance $\pm 10\%$), vector group Dyn11, neutral brought out on LV side, insulation class (HV/LV) A/A, having simple dial type thermometer and double float buchholz relay. Transformer must have all standard accessories according to IEC standard. The offered brand of required capacity must be certified for all type tests from NTDC , HV & SC lab Rawat.</p> <p>c) <u>L.T COMPARTMENT:</u> Low-tension main switchboard, indoor type floor mounting industrial cubical pattern. Totally enclosed, suitable for operation on 3-phase 4-wire,50 Hz 400V-600Volts system comprising of: 1-set of H.D.H.C air insulated copper bus bar of 1600 Amps Rating. 1-half size neutral bus bar.</p> <p><u>INCOMING:</u></p> <ul style="list-style-type: none"> • 1600 Amps. (65KA-100KA) triple pole manually operated draw out type Air circuit breaker (ACB). Make SIEMENS (Germany) SCHNEIDER (France), TERASAKI (Japan), or European equivalent • CTs of suitable current ratio 1600/5A, 15VA and accuracy class (1 or 1.5) for measurement of currents up to 1600 Amps and protection (make FICO/Eqv) • Digital Ampere meter with phase selector switch 3 way On & Off (Make: LUMEL/Eqv) • Digital Voltmeter With phase selector switch. (Make: GG/Eqv) • Poly phase multi function electronic meter (KWH meter) 3-phase, 4 wire 50Hz 3x230/400V, 5/10A with appropriate ratio CTs. (Make: PEL/Blue Star/Eqv) • LED type indication lights for R-Y-B (GG/Eqv) • SP, MCB 6A/10A for control (Terasaki/European made) • Exhaust Fan • Thermo state with auto ON/OFF switch (Make: GG/Eqv) | <p>01 No.</p> <p>01 Nos.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>04 Nos.</p> <p>01 No.</p> |

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| | <p><u>OUTGOING:</u>MCCBs of following capacities should be provided across the whole LT compartment i.e 02 outgoing panels.</p> <ul style="list-style-type: none"> • 500 Amps. TP MCCB, 100 KA, adjustable, thermal trip (Make: Terasaki Japan or Eqv European) • 300 Amps. TP MCCB, 50-70 KA, adjustable, thermal trip (Make: Terasaki Japan or Eqv European) • 150 Amp. TP MCCB, 25-50 KA, adjustable, thermal trip (Make: Terasaki Japan or Eqv European) <p><u>SPARE:</u></p> <p>3-Nos 11KV HRC fuse for transformer</p> <p>Note:</p> <ol style="list-style-type: none"> The product shall conform to latest IEC specifications. Wiring/schematic diagrams of complete Kiosk. Booklet of HT/LT load break switch & energy meter. Incoming/outgoing cable holes and glands according to cable sizes on HV/LV side. Installation and commissioning alongwith KIOSK base bed & Earth Pit will be constructed by the vender / Firm. | <p>02 Nos.</p> <p>02 Nos.</p> <p>02 Nos.</p> |
| <p>2.</p> | <p><u>11 KV, 630A, 25KA FEEDER PANEL (MOTORIZED) WITH VACUUM CIRCUIT BREAKER</u></p> <p>Rated voltage 17.5 KV, 630A, 25 KA 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 25 KA Bil 95 KV. Panel comprising of following:</p> | <p>01 No.</p> |
| <p>11 KV fully wired complete cubical housing which will be metal clad sheet fabricated totally enclosed 12SGW thick indoor type complete with copper bus bar (Width 600mm)</p> | <p>01 No</p> | |
| <p>3 Phase, H.D.H.C. Main copper Bus bar 800A (Size : 1 x 60 x 10 mm or 2 x 60 x 5 mm) (Size : 1 x 60 x 10 mm or 2 x 60 x 5 mm) & Dropper Busbar 630 A and link will be as CT ratio</p> | <p>01 Set</p> | |
| <p>Single pole, fixed and moving cluster type isolation contact giving double isolating facilities per phase.</p> | <p>01 No.</p> | |
| <p>Automatic safety shutters</p> | <p>02 Set</p> | |
| <p>T/pole Motorized VCB 630A Rated voltage = 17.5 KV with draw able type breaking capacity 25 KA, BIL 38/95 KV with counter meter, with following. 1- Shunt closing coil 24-30V DC. 1- Shunt opening coil 24-30V DC. 1- motor charge spring mechanism @ 220 VAC.</p> | <p>01 No.</p> | |
| <p>Current Transformer 11 KV for protection & metering Ratio: (400/5/5A) Burden: 15 VA, 5P20 & 10VA class 1</p> | <p>01 Nos.</p> | |
| <p>Dry type potential transformer 11KV/1.732/110V/1.732 100VA, class 0.5, 100VA for measurement and protection 12/36/95 KV, (Din Standard)</p> | <p>01 Nos.</p> | |
| <p>Digital energy meter</p> | <p>01 No.</p> | |

| | | |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| | Digital Ammeter Ammeter selector switch (4-Position) | 01 No. 01 No. |
| | Digital Voltmeter Voltmeter selector switch (7-Position) | 01 No. 01 No. |
| | 3 phase over current & earth fault feeder protection relay Micom-P122 BOOZ11DBO, Software version 13.B, frequency 50Hz, communication Modbus, Active group – 1, Auxiliary supply : 24-250VDC/24-250 VCA. 0.01 – 8 Ion, CT connection 1/5A (Schneider Elect France). | 01 No. |
| | Anti condensation Heater with thermostat 60Watt, 230V AC M/O/A selector switch for Heater | 01 No. 01 No. |
| | TP MCB for control Circuit – 6A DP,MCB – 10 A, Set of terminal blocks | 01 No. 01 No. 01 Set |
| | Designation label | |
| | Indication light (Red, yellow, Blue) Indication lights for VCB (ON/OFF/Trip) and heater ON | 03 Nos. 04 Nos. |
| | Push button for VCB ON, Push Button for VCB OFF, Push button for Reset | 01 No. 01 No. 01 No. |
| | Set of vermin screen | |
| | Door Limit switch | 01 No. |
| | Panel Light / Lamp, 60 Watt, 230 VAC | 01 No. |
| | Capacitor trip unit (WAPDA approved) | 01 No. |
| | Note: | |
| | i. Panel internal wiring diagram. Booklets of relay, Energy Meter & ACB are also to be provided. | |
| | ii. Panel will be coupled with existing system on site by the firm. Therefore, coupling facility / arrangement and extendibility on both sides of panel is necessary. Panel to panel coupling copper bus bar pieces / fish plates are also to be provided. | |
| | iii. Provision of 24 – 30 V DC for LT panels / relays will be user scope. | |
| | iv. Cable gland for 185 mm ² / 3C XLPE Cable should be on bottom side of each panel. | |
| 3. | <p>a. <u>HT Cable XLPE 185 mm²/3 Core</u></p> <p>HT XLPE Insulated power cable 8.7/15 KV PVC sheathed with annealed standard copper conductor, copper tape screened 185 mm²/3Core IEC 60502-1 Brands: Newage, Fast, Pioner & Pakistan Cables or equivalent</p> <p>b. <u>LT Cable PVC 300 mm²/4 Core</u></p> <p>PVC Cable 300 mm²/4 Core, PVC insulated sheathed 600/1000V with annealed standard copper conductor as per BSS No. 6346, PETSAC - 2014 Standards. Brands: Newage, Fast, Pioner & Pakistan Cables or equivalent</p> <p>c. <u>HT Cable End Termination Kit for 185 mm²/3 Core</u> Make: Raychem/Germany</p> | <p>160 Meters</p> <p>100 Meters</p> <p>02 Nos.</p> |

| | | | |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------|---------|
| <u>ACCESSORIES:-</u> | | | |
| i) | Heat shrink, insulating, Non-tracking tube | (HVOT) | 06 Nos. |
| ii) | Heat shrink, stress control tube | (SCPM) | 06 Nos. |
| iii) | Heat shrink, Cable breakout | (402W248) | 02 Nos. |
| iv) | Stress relief void filling Yellow mastic | (S 1189- 1-100) | 06 Nos. |
| v) | Track and weather resistant sealant | (S-1085-1-300) | 12 Nos. |
| vi) | Silicon grease | (EPPA-007) | 02 Nos. |
| vii) | Cleaning Tissue | (EPPA-004) | 06 Nos. |
| viii) | Binding wire | | 04 Mtr. |
| ix) | Soldering wire with flux | | 04 Mtr. |
| x) | Abrasive strip | | 02 Nos. |
| xi) | Copper Braid | | 02 Mtr. |
| xii) | PVC Tape (Red, Yellow, blue) | | 06 Nos. |
| xiii) | Earth Lug copper | | 02 Nos. |
| xiv) | Copper Lugs According to cable size | | 06 Nos. |
| xv) | Soldering Paste | | 02 Nos. |
| xvi) | Jublee clamp according to cable size | | 02 Nos. |
| xvii) | Installation instruction in English | | 02 Nos. |
| Note:- Supply jointing kit will be tested at 33 KV. WAPDA test report from WAPDA lab is also required. | | | |
| <u>d. Lt Cable End Termination Kit 300 mm²/4-Core</u> | | | 04 Nos. |
| Make: Raychem/Germany | | | |
| <u>ACCESSORIES:-</u> | | | |
| i) | Heat shrink cable breakout | (502K) | 04 Nos. |
| ii) | Heat shrink lug sealing sleeve | (MWTM) | 16 Nos. |
| iii) | Abrasive strip | | 04 Nos. |
| iv) | Jubilee clamp | | 04 Nos. |
| v) | Copper Braid | | 04 Mtr. |
| vi) | PVC Tape (Red, Yellow, Blue, Black) | | 04 Each |
| vii) | Copper compression lugs | | 04 Nos. |
| viii) | Earthing Lug | | 04 Nos. |
| ix) | Insulation instruction in English | | 02 Nos. |
| Note:- WAPDA test report from WAPDA lab is also required. | | | |

4. **General Condition:**

- 4.1 Engineering design, supply, installation with existing system and commissioning will be the responsibility of supplier. Firm will be responsible to include all major and minor equipments, 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 / guaranty 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 conform safe and long lasting operation in intense/ extreme weather conditions.
- 4.6 The supplier will provide the time schedule for completion of the project.

- 4.7 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.
- 4.8 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. **Inter Stage / Pre shipment Inspection (PSI) at Firms Premises:**

- 5.1 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.
- 5.2 Inspection facilities such as tools, test equipment, instruments etc will, however, be provided by the Suppliers.

6. **Documentation:**

The supplier will be responsible to furnish related technical data (04 copies each in English language) including the following:

- 6.1 Detailed drawings & specifications of the equipment/machinery.
- 6.2 Equipment layout and schematic diagram.
- 6.3 Offered type Breaker of 11KV must have type tested report from any specification Testing Lab (Stl).
- 6.4 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.
- 6.5 Maintenance and services manuals of the machinery.

7. **Commissioning & Final Acceptance Test**

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

8. **Payment Terms:**

- 8.1 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.
- 8.2 100% payment will be subjected to successful FAT after installation & commissioning.

9. **Performance Bond:**

Successful bidders shall provide performance bond which should be at least 10% of the contract amount in the form of a Call Deposit Receipt from a scheduled bank or an unconditional Bank Guarantee valid for 24 months.

10. **Warranty Guarantee:**

- 10.1 The supplier will have to provide warranty / guarantee for a period of two year smooth functioning of the Transformer Panel, Feeder panel & End Termination Kits including free of cost supply of spare parts.
- 10.2 Two years warranty / guarantee period will be started from the date of successful & satisfactory conclusion of FAT.
- 10.3 Test & trial of machines/equipment shall be carried out after complete installation & commissioning for at least two weeks in POF Gadwal 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.

Bid Qualification & Selection Criteria

| Sr. No. | Technical/Commercial aspects to be considered to ease out most advantageous bid | Compliance level | | | Remarks |
|---------|------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|--------------|---------|
| | | Fully Complied | Partially Complied | Not Complied | |
| a. | Bid submitted in compliance with PPRA Rule 36(b) | | | | |
| b. | Confirm to tender specification | | | | |
| c. | Confirm to tender description | | | | |
| d. | Confirm to tender quantity(s) | | | | |
| e. | Tender Fee Rs: 500.00 attached with technical bid. | | | | |
| f. | Bid Security @2% for registered supplier (with POFs) OR 5% for un-registered supplier attached with commercial bid. | | | | |
| g. | Proof of registration with POFs | | | | |
| h. | Proof of active tax payer (sales tax / income tax) | | | | |
| i. | Provision of PTC (Professional Tax Certificate) | | | | |
| j. | Proof of registration with FBR | | | | |
| k. | Proof of registration with SECP | | | | |
| l. | Complete technical literature/ Brochure/catalogue provided in first go along with tech bid. | | | | |
| m. | Prices are valid for any reduced quantity (s) without notice. | | | | |
| n. | 90 days bid validity from the date of opening of commercial offers/bids confirmed. | | | | |
| o. | Delivery period as per schedule of tender enquiry confirmed. | | | | |
| p. | Payment terms as per tender enquiry. | | | | |
| q. | In case of new entrant, proof of past performance / list of identical supplies to prove capabilities in the relevant field. | | | | |
| r. | Certificate regarding fulfillment of all tender requirements. | | | | |
| s. | T.E Undertaking- Signed/Stamped | | | | |
| t. | Offer /bid (Tech+Comm) is un-conditional | | | | |
| u. | List of successful supplies in POFs (For the suppliers already in business with POFs). (Within DP/Expiry of DP/With/Without LD Charges). | | | | |
| v. | Complete company profile | | | | |
| w. | Provisioning of samples if required as per T.E Clause 4.1. | | | | |
| x. | Certificate that the firm is not blacklisted/under debarment by any Govt/ Semi Govt organization. | | | | |
| y. | Confirmation of Performance Bond against LOI (Letter of Intent) as per T.E Clause 6.2. | | | | |

Signature of the Tenderer with stamp

Name:-

Position.....

Address.....

Cell No/Mobile No.....

Income Tax G.I.R No.....

Place.....

Dt: