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**TENDER NOTICE**

**No: GM NOD LTR\Tender\2018\Misc\9**

**Approved Rates for Provision & Fixing of SPD’s to be used under the Domain of EVP Technical Central Lahore by Manager Technical Support NOD LTR**

**Subject: Tender/Quotation**

Sealed Tenders/Quotations (both Technical & Commercial Offers) addressed to the GM NOD LTR, CTH Building, 1-Mcleod Road, Lahore are invited for **Approved Rates for Provision & Fixing of SPD’s to be used under the Domain of EVP Technical Central Lahore by Manager Technical Support NOD LTR** as mentioned below. Work must be performed with a good standard of quality.

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| **MSAG/ONU** | | | | |
| **MSAG Type** | **SPD Type** | | | **Unit Rate** |
| Alcatel | Phoenix VALVETARB F-MS 12 ST, Uc260V AC, Up:1.5KVA, In: 20kA, Imax: 40Ka | | |  |
| Phoenix VALVETARB VAL-MS 230 ST, Uc:260V AC, Up:1.8KV, In: 20kA, Imax: 40kA | | |  |
| Phoenix VALVETARB F-MS 12 ST, Uc:275V AC, Up:1.35KVA, In: 300kA, Imax: 40kA | | |  |
| Huawei 2.5G | SPD 27SZ MH Single Phase Lightening Protection Box | | |  |
| Huawei 10GE | SPD MOV60 Uc: 385V, In:30kA, Imax:60kA, Up:2.0kA | | |  |
| SPD MOV60 Uc: 385V, In:30kA, Imax:60kA, Up:2.0kA | | |  |
| SPD MOV60 Uc: 385V, In:30kA, Imax:60kA, Up:2.0kA | | |  |
| SPD GDT60 Uc: 255V, In:30kA, Imax:60kA, Up:1.5kA | | |  |
| ZTE 2.5G AC side | DOWIN SPD for Power Supply YD40K385-A1 Uc: 385V, In:20 kA(8/20us), Imax: 40kA(8/20us), Up:1.5kV | | |  |
| DOWIN SPD for Power Supply YD40K385-A1 Uc: 385V, In:20 kA(8/20us), Imax: 40kA(8/20us), Up:1.5kV | | |  |
| DOWIN SPD for Power Supply YD40K385-A1 Uc: 385V, In:20 kA(8/20us), Imax: 40kA(8/20us), Up:1.5kV | | |  |
| ZTE 2.5G DC side | MYS5 Imax:40kA, Uc:385V, In(8/20):2.0 kA, Up(20kA):1.9kV | | |  |
| MYS5 Imax:40kA, Uc:385V, In(8/20):2.0 kA, Up(20kA):1.9kV | | |  |
| MYS5 Imax:40kA, Uc:385V, In(8/20):2.0 kA, Up(20kA):1.9kV | | |  |
| ZTE 10GE | HPXIN Surge Protection Device RV 385-40 Uc: 385V, In:20kA, Imax: 40kA, Up: 1.8kA | | |  |
| HPXIN Surge Protection Device RV 385-40 Uc: 385V, In:20kA, Imax: 40kA, Up: 1.8kA | | |  |
| HPXIN Surge Protection Device RV 385-40 Uc: 385V, In:20kA, Imax: 40kA, Up: 1.8kA | | |  |
| HPXIN Surge Protection Device G255-40 Uc: 255V, In:20kA, Imax: 40kA, Up: 1.0kA | | |  |
| **Type Of Equipment e.g. SW/MSAG/ OFS etc.** | | | | **Unit Rate** |
| Type Of Equipment e.g. SW/MSAG/ OFS etc. | | Equipment manufacturer e.g. Huawei/ ZTE/Alcatel | Type/Model of SPD |  |
| DWDM Metro /Long Haul | | Nokia | CITEL. DS 40G-600 40 KA |  |
| RECTIFIERS/BTS | | SEMENS/Emerson/Huawei | DEHN GUARD T385/900679/ 40 KA |  |
| NGN HUWAIE/NGN HUWAIE/DSLAM -II/BRAS/SW/MSAN/ IGI Soft Switch | | Emerson/Huawei/ ZTE/Alcatel | H 40 U385 |  |
| DWDM/C5 NGN/MM&BB Ethernet | | Huawei/ Emerson | H40G255 H 40 KA 285 |  |
| OSN/PCM | | Huawei | LAMP-40 |  |
| SW | | Huawei | MERLIN GERIN Multi 9 PRF1 |  |
| DWDM | | Huawei | MP2-20 |  |
| ZTE TDM/OLD OLT/DSLAM/STP-A/SW/DWDM/PCM/DATA CENTRE/MFC | | GT/Huawei/ZTE | MYS 5 40 KA/MYS 5\_XW2/MYS5 40 MH/MYS5/FD2 |  |
| ZTE TDM | | ZTE | OBO V 20-C |  |
| ZTE DWDM/RSU/PCM/OLT | | ZTE | Phoenix Contact VAL-MS 230IT ST |  |
| RSU+DSLAM | | ZTE | PHONIX/VALPRV CONNECT/S-MF12FP,VAL-MS230ITFP |  |
| DSLAM | | EMERSON | R-48-2900U |  |
| ODU/BTS/SW | | Huawei | MOV 60-MH |  |
| DWDM/SW | | ZTE | VAL-MS 230 IT ST/F-MS 12ST |  |
| NGN ZTE/SW/Exch/DSLAM | | ZTE | valvetrab VAL-MS 385/40 |  |
| BTS/Dslam/Exch/BTS/RLU/MSAG/ONU | | Huawei/ZTE/EWSD/ALCATEL/GTE | DOWIN/YD40K385HQ/II/C/T2-PHOENIX-VAL-MS385/40 ST GY/DEHNguard-T 385/MYS5-385/20 |  |
| OFS | | Huawei | EMERSON-H40G255 |  |
| DSLAM/MSAG | | ZTE/ALU/Huawei | HMG45-63 |  |
| DSLAM | | Huawei | DELTA MP2-20 |  |
| MSAG | | ZTE | II/C/T2 HPXIN  (M1L275-40 II) |  |
| OLT | | OLT-ZTE | HAGER SP 510 |  |
| BTS | | Huawei | HUAWEI-SPDGT60/SPDMOV60-MH |  |
| MSAG | | APL | PHOENIX CONTACT (1.9KV) |  |
| MSAG/BTS | | ZTE | HPXIN M1L275-40II (1.3KV) |  |
| MSAG/MSAN | | HUAWEI | SPDMOV60 (2.0KV) |  |
| DSLAM | | HUAWEI | DELTA MP2-20 |  |
| BTS | | HUAWEI | SPDMOV60 (2.0KV) |  |
| ZTE | | ZTE | PA20-B (1.8KV) |  |
| ATS PANNEL | |  | SPDMOV60 (2.0KV) |  |

**Note: Kindly provide the quotation without all taxes.**

Your Tenders/Quotations must reach on or before **22-11-2018** in the office of GM NOD LTR. GM NOD LTR reserves the right to accept or reject any or all Tenders/Quotations without assigning any reason.

* *Vendor may mention any other parts or services required in BoQ.*
* *Technical Offer should be un-priced along with specifications & other Technical details and Commercial Offer will be priced bid.*
* *Please submit both Technical & Commercial Offers in separate sealed envelopes clearly marked as* ***“Technical Offer”*** *or* ***“Commercial Offer”****.*
* *The* ***Technical Bid*** *must contain compliance of Tender SOW, Company Profile, PTCL Vendor Registration, Past relevant working experience (PTCL/Others), Workshop availability/Quality*, Any supporting document*.*
* *Rs. 25000/- as Security Bond in the name of* DY General Manger (F/A) LTR (S) Lahore will be submitted by the vendors who qualified in PNC*, SLA Terms & Conditions, Payment Mode, Any further supporting document.*
* *During PNC- Price negotiation with Technically & Commercially qualified firms.*
* *There will be SLA- Service Level Agreement between successful bidder and PTCL for execution of works & afterwards warranty period.*
* ***Warranty/Delivery Period*** *must be mentioned in your Offer.*
* ***GST*** *will be applicable on parts****.***

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***Manager Technical Support***

***NOD LTR***

***Ph # 042-37321929***

Approved Rates for provision & fixing of SPD’s to be used under the domain of EVP Technical Central Lahore by Manager Technical Support NOD LTR

Please submit the above said case.

**Scope of Work:**

* Repair/Maintenance of task given in the quotation letter.

**Terms & Conditions:**

1. 100% payment will be made on completion of Supply/Work (after complete Load Test).
2. Load/Noise/Smoke Test at the cost of vendor.
3. The following documents should be submitted for the payments in this office

* PO/Letter of Award issued by PTCL
* GRN and SAN duly signed by concern SE & SM.
* GST invoice if applicable.

1. Rates must be exclusive of all type of taxes.
2. Any additional requirement of Items/Modification in the work will be in addition to above work.
3. Any point not covered / left over can be decided by negotiation if needed.
4. Vendor will be responsible for supply of items at Regional office or anywhere in Lahore at his own cost.
5. All the works will be done in the presence of PTCL Representative/Engineer and vendor will inform well in time (one day before execution of works).
6. Vendor will arrange their own security arrangement from start to the end of work at site till completion work with nil deficiency.
7. PTCL have rights to demand testing of any items as per specifications.
8. Vendor will be responsible for cleaning of site after execution of work.
9. Vendor will be responsible for Repair/Replace of any damages made to the existing installation / Building during execution of work.
10. If the Contractor fails to deliver any or all of the goods or fails to perform the services in accordance with the delivery milestones specified in the PO. PTCL shall have the right to terminate the contract forthwith or claim liquidated damages.
11. The contractor shall pay to PTCL as liquidated damages with respect to those delays in milestones as defined in the P.O. For any delays, payment of milestone damages will be charged at one percent (1%) per day and a maximum of 10% of contract price. Once the maximum is reached, PTCL shall forthwith terminate the PO.
12. Quantities mentioned in BOQ are approximate and could be changed on site to site basis.
13. Vendor will be responsible for supply of items as per standards & BOQ. In case any deviation is pointed out by PTCL, PTCL reserve the right to stop, block, deduct the payments until execution of job as per specifications and no claim what so ever will be acceptable by PTCL. PTCL also reserves the right to cancel the PO and declare vendor disqualified for future tenders/award of works.

Signature of Vendor with Stamp

**BOQ for Approved Rates for provision & fixing of SPD’s to be used under the domain of EVP Technical Central Lahore by Mgr Tech Support NOD LTR**

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| --- | --- | --- | --- | --- | --- |
| **MSAG/ONU** | | | | |  |
| **MSAG Type** | **SPD Type** | | | **Unit**  **price**  **(PKR)** | **Total (Without Taxes)** |
| Alcatel | Phoenix VALVETARB F-MS 12 ST, Uc260V AC, Up:1.5KVA, In: 20kA, Imax: 40Ka | | |  |  |
| Phoenix VALVETARB VAL-MS 230 ST, Uc:260V AC, Up:1.8KV, In: 20kA, Imax: 40kA | | |  |  |
| Phoenix VALVETARB F-MS 12 ST, Uc:275V AC, Up:1.35KVA, In: 300kA, Imax: 40kA | | |  |  |
| Huawei 2.5G | SPD 27SZ MH Single Phase Lightening Protection Box | | |  |  |
| Huawei 10GE | SPD MOV60 Uc: 385V, In:30kA, Imax:60kA, Up:2.0kA | | |  |  |
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| SPD MOV60 Uc: 385V, In:30kA, Imax:60kA, Up:2.0kA | | |  |  |
| SPD GDT60 Uc: 255V, In:30kA, Imax:60kA, Up:1.5kA | | |  |  |
| ZTE 2.5G AC side | DOWIN SPD for Power Supply YD40K385-A1 Uc: 385V, In:20 kA(8/20us), Imax: 40kA(8/20us), Up:1.5kV | | |  |  |
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| MYS5 Imax:40kA, Uc:385V, In(8/20):2.0 kA, Up(20kA):1.9kV | | |  |  |
| MYS5 Imax:40kA, Uc:385V, In(8/20):2.0 kA, Up(20kA):1.9kV | | |  |  |
| ZTE 10GE | HPXIN Surge Protection Device RV 385-40 Uc: 385V, In:20kA, Imax: 40kA, Up: 1.8kA | | |  |  |
| HPXIN Surge Protection Device RV 385-40 Uc: 385V, In:20kA, Imax: 40kA, Up: 1.8kA | | |  |  |
| HPXIN Surge Protection Device RV 385-40 Uc: 385V, In:20kA, Imax: 40kA, Up: 1.8kA | | |  |  |
| HPXIN Surge Protection Device G255-40 Uc: 255V, In:20kA, Imax: 40kA, Up: 1.0kA | | |  |  |
| **Type Of Equipment e.g. SW/MSAG/ OFS etc.** | | | | **Unit Rate** |  |
| Type Of Equipment e.g. SW/MSAG/ OFS etc. | | Equipment manufacturer e.g. Huawei/ ZTE/Alcatel | Type/Model of SPD |  |  |
| DWDM Metro /Long Haul | | Nokia | CITEL. DS 40G-600 40 KA |  |  |
| RECTIFIERS/BTS | | SEMENS/Emerson/Huawei | DEHN GUARD T385/900679/ 40 KA |  |  |
| NGN HUWAIE/NGN HUWAIE/DSLAM -II/BRAS/SW/MSAN/ IGI Soft Switch | | Emerson/Huawei/ ZTE/Alcatel | H 40 U385 |  |  |
| DWDM/C5 NGN/MM&BB Ethernet | | Huawei/ Emerson | H40G255 H 40 KA 285 |  |  |
| OSN/PCM | | Huawei | LAMP-40 |  |  |
| SW | | Huawei | MERLIN GERIN Multi 9 PRF1 |  |  |
| DWDM | | Huawei | MP2-20 |  |  |
| ZTE TDM/OLD OLT/DSLAM/STP-A/SW/DWDM/PCM/DATA CENTRE/MFC | | GT/Huawei/ZTE | MYS 5 40 KA/MYS 5\_XW2/MYS5 40 MH/MYS5/FD2 |  |  |
| ZTE TDM | | ZTE | OBO V 20-C |  |  |
| ZTE DWDM/RSU/PCM/OLT | | ZTE | Phoenix Contact VAL-MS 230IT ST |  |  |
| RSU+DSLAM | | ZTE | PHONIX/VALPRV CONNECT/S-MF12FP,VAL-MS230ITFP |  |  |
| DSLAM | | EMERSON | R-48-2900U |  |  |
| ODU/BTS/SW | | Huawei | MOV 60-MH |  |  |
| DWDM/SW | | ZTE | VAL-MS 230 IT ST/F-MS 12ST |  |  |
| NGN ZTE/SW/Exch/DSLAM | | ZTE | valvetrab VAL-MS 385/40 |  |  |
| BTS/Dslam/Exch/BTS/RLU/MSAG/ONU | | Huawei/ZTE/EWSD/ALCATEL/GTE | DOWIN/YD40K385HQ/II/C/T2-PHOENIX-VAL-MS385/40 ST GY/DEHNguard-T 385/MYS5-385/20 |  |  |
| OFS | | Huawei | EMERSON-H40G255 |  |  |
| DSLAM/MSAG | | ZTE/ALU/Huawei | HMG45-63 |  |  |
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| MSAG | | ZTE | II/C/T2 HPXIN  (M1L275-40 II) |  |  |
| OLT | | OLT-ZTE | HAGER SP 510 |  |  |
| BTS | | Huawei | HUAWEI-SPDGT60/SPDMOV60-MH |  |  |
| MSAG | | APL | PHOENIX CONTACT (1.9KV) |  |  |
| MSAG/BTS | | ZTE | HPXIN M1L275-40II (1.3KV) |  |  |
| MSAG/MSAN | | HUAWEI | SPDMOV60 (2.0KV) |  |  |
| DSLAM | | HUAWEI | DELTA MP2-20 |  |  |
| BTS | | HUAWEI | SPDMOV60 (2.0KV) |  |  |
| ZTE | | ZTE | PA20-B (1.8KV) |  |  |
| ATS PANNEL | |  | SPDMOV60 (2.0KV) |  |  |