

## **ITEM# 1: PRICE SCHEDULE FORM**

**Item# 1:** Repair/ Reclamation of 132/11 KV, 20/26 MVA, Power Transformer Make Ganz  
lying at 132 kV GSS Dargai

| S.No | Description                                                                            |                                                                                                                                                                                                                                                                                                                                    | Qty    | Price offered including all applicable Taxes (PKR) |
|------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------|
| 01   | <b><u>Windings</u></b>                                                                 | Manufacturing/ Repair of 01-No. HV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | New Copper Conductor (if required & Same Qty of the Old Copper will be Return to PESCO)                                                                                                                                                                                                                                            | Per kg |                                                    |
| 02   | <b><u>Insulation</u></b>                                                               | Replacement/ Repair of 01-No. HV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. LV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. RV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
| 03   | <b>Gaskets</b>                                                                         | Replacement of all Gaskets                                                                                                                                                                                                                                                                                                         | Set    |                                                    |
| 04   | <b>Painting &amp; Kerosine Oil</b>                                                     | Painting of Body                                                                                                                                                                                                                                                                                                                   | Job    |                                                    |
| 05   | <b>Cabling</b>                                                                         | Replacement of cabling                                                                                                                                                                                                                                                                                                             | Set    |                                                    |
| 06   | <b>Insulating Parts</b>                                                                | Refurbishment of Insulating parts                                                                                                                                                                                                                                                                                                  | Job    |                                                    |
| 07   | <b>Tank Body</b>                                                                       | Cleaning, washing & removal of sludge articles, polluted oil from the Tank Body, upper & Lower Yoke cleaning, washing of radiators, fan motors, conservator tank & piping arrangements, New leads including all Minor works etc.                                                                                                   | Job    |                                                    |
| 08   | <b>Preparation, Disassembly &amp; Conducting of PRJI (pre-repair joint Inspection)</b> | Handling, Loading/Uploading<br>Preliminary Diagnostic Testing<br>Un-tanking the active parts<br>Removal of the Top cover & OLTC<br>Removal of the core frame top yoke lamination<br>Disassembly of windings & insulating parts including cutting HV, LV & RV leads<br>Conducting of PRJI & Customer's inspection team at the firm. | Job    |                                                    |
| 09   | <b>Assembly of Active Parts</b>                                                        | After drying/sizing of windings, assembled on the core limbs.<br>Assembly of the Upper Yoke Clamps<br>Fixing of the Top Cover<br>Assembly of OLTC<br>Manufacturing of New Leads & Its Assembly with OLTC<br>Stage Inspection & Testing of Active Part assembly                                                                     | Job    |                                                    |
| 10   | <b>Vapor Phase Drying of the Active Parts Assembly</b>                                 |                                                                                                                                                                                                                                                                                                                                    | Job    |                                                    |

| S.No                                         | Description                                                             |                                                                                                                                                                                                                                                                                                                                           | Qty   | Price offered including all applicable Taxes (PKR) |
|----------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|
| 11                                           | <b>Tanking of the Active Parts/Final Assembly &amp; Oil Circulation</b> | Final assembly of the active parts in Tank<br>Vacuuming of the Tank with Active Parts<br>Oil Filling/Filtering, Circulation in Tank<br>Assembly of HV Bushings, Instruments & accessories<br>Old T/F Oil to be filled in T/F then Dehydration Charges of T/F Oil<br>To meet 10% Dehydration allowance new T/F oil to be provided by PESCO | Job   |                                                    |
| 12                                           | <b>New Transformer Oil</b>                                              | New Transformer Oil (if provided by Workshop)                                                                                                                                                                                                                                                                                             | Liter |                                                    |
| 13                                           | <b>Testing</b>                                                          | All type of Testing during and after Repairs as per NTDC/WAPDA Specifications                                                                                                                                                                                                                                                             | Job   |                                                    |
| 14                                           | <b>Transportation</b>                                                   | Loading, unloading, assembly, and disassembly at the site & workshop (Before & after Repair); safe handling and transportation to the workshop; and return of the transformer to the PESCO-specified location after repairs.                                                                                                              | Job   |                                                    |
| 15                                           | <b>Fan Motors</b>                                                       | Repairing of Fan Motors                                                                                                                                                                                                                                                                                                                   | 01    |                                                    |
| <b>TOTAL PRICE INCLUDING ALL TAXES (PKR)</b> |                                                                         |                                                                                                                                                                                                                                                                                                                                           |       |                                                    |

**Note:-**

1. All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes.
2. Test results are attached as Annex for Power Transformers; the Actual Quantum of work will be decided after Proper Inspection of Joint inspection Committee written Report on Disassembly of Power Transformer.
3. PESCO reserves the right to utilize either the transportation services offered by the Bidder/ Manufacturer or arrange its own. If PESCO opts not to avail the Manufacturer's transport services, no transportation charges shall be payable under the work order.

**Stamp & Signature of Bidder**

## **ITEM# 2: PRICE SCHEDULE FORM**

**Item#2:** Repair/ Reclamation of 132/11 KV, 20/26 MVA, Power Transformer Make Ganz  
lying at 132 kV GSS Shahibagh

| S.No | Description                                                                            |                                                                                                                                                                                                                                                                                                                                    | Qty    | Price offered including all applicable Taxes (PKR) |
|------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------|
| 01   | <b><u>Windings</u></b>                                                                 | Manufacturing/ Repair of 01-No. HV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | New Copper Conductor (if required & Same Qty of the Old Copper will be Return to PESCO)                                                                                                                                                                                                                                            | Per kg |                                                    |
| 02   | <b><u>Insulation</u></b>                                                               | Replacement/ Repair of 01-No. HV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. LV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. RV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
| 03   | <b>Gaskets</b>                                                                         | Replacement of all Gaskets                                                                                                                                                                                                                                                                                                         | Set    |                                                    |
| 04   | <b>Painting &amp; Kerosine Oil</b>                                                     | Painting of Body                                                                                                                                                                                                                                                                                                                   | Job    |                                                    |
| 05   | <b>Cabling</b>                                                                         | Replacement of cabling                                                                                                                                                                                                                                                                                                             | Set    |                                                    |
| 06   | <b>Insulating Parts</b>                                                                | Refurbishment of Insulating parts                                                                                                                                                                                                                                                                                                  | Job    |                                                    |
| 07   | <b>Tank Body</b>                                                                       | Cleaning, washing & removal of sludge articles, polluted oil from the Tank Body, upper & Lower Yoke cleaning, washing of radiators, fan motors, conservator tank & piping arrangements, New leads including all Minor works etc.                                                                                                   | Job    |                                                    |
| 08   | <b>Preparation, Disassembly &amp; Conducting of PRJI (pre-repair joint Inspection)</b> | Handling, Loading/Uploading<br>Preliminary Diagnostic Testing<br>Un-tanking the active parts<br>Removal of the Top cover & OLTC<br>Removal of the core frame top yoke lamination<br>Disassembly of windings & insulating parts including cutting HV, LV & RV leads<br>Conducting of PRJI & Customer's inspection team at the firm. | Job    |                                                    |
| 09   | <b>Assembly of Active Parts</b>                                                        | After drying/sizing of windings, assembled on the core limbs.<br>Assembly of the Upper Yoke Clamps<br>Fixing of the Top Cover<br>Assembly of OLTC<br>Manufacturing of New Leads & Its Assembly with OLTC<br>Stage Inspection & Testing of Active Part assembly                                                                     | Job    |                                                    |
| 10   | <b>Vapor Phase Drying of the Active Parts Assembly</b>                                 |                                                                                                                                                                                                                                                                                                                                    | Job    |                                                    |

| S.No                                         | Description                                                             |                                                                                                                                                                                                                                                                                                                                           | Qty   | Price offered including all applicable Taxes (PKR) |
|----------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|
| 11                                           | <b>Tanking of the Active Parts/Final Assembly &amp; Oil Circulation</b> | Final assembly of the active parts in Tank<br>Vacuuming of the Tank with Active Parts<br>Oil Filling/Filtering, Circulation in Tank<br>Assembly of HV Bushings, Instruments & accessories<br>Old T/F Oil to be filled in T/F then Dehydration Charges of T/F Oil<br>To meet 10% Dehydration allowance new T/F oil to be provided by PESCO | Job   |                                                    |
| 12                                           | <b>New Transformer Oil</b>                                              | New Transformer Oil (if provided by Workshop)                                                                                                                                                                                                                                                                                             | Liter |                                                    |
| 13                                           | <b>Testing</b>                                                          | All type of Testing during and after Repairs as per NTDC/WAPDA Specifications                                                                                                                                                                                                                                                             | Job   |                                                    |
| 14                                           | <b>Transportation</b>                                                   | Loading, unloading, assembly, and disassembly at the site & workshop (Before & after Repair); safe handling and transportation to the workshop; and return of the transformer to the PESCO-specified location after repairs.                                                                                                              | Job   |                                                    |
| 15                                           | <b>Fan Motors</b>                                                       | Repairing of Fan Motors                                                                                                                                                                                                                                                                                                                   | 01    |                                                    |
| <b>TOTAL PRICE INCLUDING ALL TAXES (PKR)</b> |                                                                         |                                                                                                                                                                                                                                                                                                                                           |       |                                                    |

**Note:-**

1. All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes.
2. Test results are attached as Annex for Power Transformers; the Actual Quantum of work will be decided after Proper Inspection of Joint inspection Committee written Report on Disassembly of Power Transformer.
3. PESCO reserves the right to utilize either the transportation services offered by the Bidder/ Manufacturer or arrange its own. If PESCO opts not to avail the Manufacturer's transport services, no transportation charges shall be payable under the work order.

**Stamp & Signature of Bidder**

### **ITEM# 3: PRICE SCHEDULE FORM**

**Item#3:** Repair/ Reclamation of 132/11 KV, 20/26 MVA, Power Transformer Make Elta  
lying at 132 kV GSS Chakdara

| S.No | Description                                                                            |                                                                                                                                                                                                                                                                                                                                    | Qty    | Price offered including all applicable Taxes (PKR) |
|------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------|
| 01   | <b><u>Windings</u></b>                                                                 | Manufacturing/ Repair of 01-No. HV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | New Copper Conductor (if required & Same Qty of the Old Copper will be Return to PESCO)                                                                                                                                                                                                                                            | Per kg |                                                    |
| 02   | <b><u>Insulation</u></b>                                                               | Replacement/ Repair of 01-No. HV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. LV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. RV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
| 03   | <b>Gaskets</b>                                                                         | Replacement of all Gaskets                                                                                                                                                                                                                                                                                                         | Set    |                                                    |
| 04   | <b>Painting &amp; Kerosine Oil</b>                                                     | Painting of Body                                                                                                                                                                                                                                                                                                                   | Job    |                                                    |
| 05   | <b>Cabling</b>                                                                         | Replacement of cabling                                                                                                                                                                                                                                                                                                             | Set    |                                                    |
| 06   | <b>Insulating Parts</b>                                                                | Refurbishment of Insulating parts                                                                                                                                                                                                                                                                                                  | Job    |                                                    |
| 07   | <b>Tank Body</b>                                                                       | Cleaning, washing & removal of sludge articles, polluted oil from the Tank Body, upper & Lower Yoke cleaning, washing of radiators, fan motors, conservator tank & piping arrangements, New leads including all Minor works etc.                                                                                                   | Job    |                                                    |
| 08   | <b>Preparation, Disassembly &amp; Conducting of PRJI (pre-repair joint Inspection)</b> | Handling, Loading/Uploading<br>Preliminary Diagnostic Testing<br>Un-tanking the active parts<br>Removal of the Top cover & OLTC<br>Removal of the core frame top yoke lamination<br>Disassembly of windings & insulating parts including cutting HV, LV & RV leads<br>Conducting of PRJI & Customer's inspection team at the firm. | Job    |                                                    |
| 09   | <b>Assembly of Active Parts</b>                                                        | After drying/sizing of windings, assembled on the core limbs.<br>Assembly of the Upper Yoke Clamps<br>Fixing of the Top Cover<br>Assembly of OLTC<br>Manufacturing of New Leads & Its Assembly with OLTC<br>Stage Inspection & Testing of Active Part assembly                                                                     | Job    |                                                    |
| 10   | <b>Vapor Phase Drying of the Active Parts Assembly</b>                                 |                                                                                                                                                                                                                                                                                                                                    | Job    |                                                    |

| S.No                                         | Description                                                             |                                                                                                                                                                                                                                                                                                                                           | Qty   | Price offered including all applicable Taxes (PKR) |
|----------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|
| 11                                           | <b>Tanking of the Active Parts/Final Assembly &amp; Oil Circulation</b> | Final assembly of the active parts in Tank<br>Vacuuming of the Tank with Active Parts<br>Oil Filling/Filtering, Circulation in Tank<br>Assembly of HV Bushings, Instruments & accessories<br>Old T/F Oil to be filled in T/F then Dehydration Charges of T/F Oil<br>To meet 10% Dehydration allowance new T/F oil to be provided by PESCO | Job   |                                                    |
| 12                                           | <b>New Transformer Oil</b>                                              | New Transformer Oil (if provided by Workshop)                                                                                                                                                                                                                                                                                             | Liter |                                                    |
| 13                                           | <b>Testing</b>                                                          | All type of Testing during and after Repairs as per NTDC/WAPDA Specifications                                                                                                                                                                                                                                                             | Job   |                                                    |
| 14                                           | <b>Transportation</b>                                                   | Loading, unloading, assembly, and disassembly at the site & workshop (Before & after Repair); safe handling and transportation to the workshop; and return of the transformer to the PESCO-specified location after repairs.                                                                                                              | Job   |                                                    |
| 15                                           | <b>Fan Motors</b>                                                       | Repairing of Fan Motors                                                                                                                                                                                                                                                                                                                   | 01    |                                                    |
| <b>TOTAL PRICE INCLUDING ALL TAXES (PKR)</b> |                                                                         |                                                                                                                                                                                                                                                                                                                                           |       |                                                    |

**Note:-**

1. All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes.
2. Test results are attached as Annex for Power Transformers; the Actual Quantum of work will be decided after Proper Inspection of Joint inspection Committee written Report on Disassembly of Power Transformer.
3. PESCO reserves the right to utilize either the transportation services offered by the Bidder/ Manufacturer or arrange its own. If PESCO opts not to avail the Manufacturer's transport services, no transportation charges shall be payable under the work order.

**Stamp & Signature of Bidder**

## **ITEM# 4: PRICE SCHEDULE FORM**

**Item#4:** Repair/ Reclamation of 132/11 KV, 20/26 MVA, Power Transformer Make Minel  
lying at 132 kV GSS Chakdara

| S.No | Description                                                                            |                                                                                                                                                                                                                                                                                                                                    | Qty    | Price offered including all applicable Taxes (PKR) |
|------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------|
| 01   | <b><u>Windings</u></b>                                                                 | Manufacturing/ Repair of 01-No. HV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | New Copper Conductor (if required & Same Qty of the Old Copper will be Return to PESCO)                                                                                                                                                                                                                                            | Per kg |                                                    |
| 02   | <b><u>Insulation</u></b>                                                               | Replacement/ Repair of 01-No. HV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. LV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. RV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
| 03   | <b>Gaskets</b>                                                                         | Replacement of all Gaskets                                                                                                                                                                                                                                                                                                         | Set    |                                                    |
| 04   | <b>Painting &amp; Kerosine Oil</b>                                                     | Painting of Body                                                                                                                                                                                                                                                                                                                   | Job    |                                                    |
| 05   | <b>Cabling</b>                                                                         | Replacement of cabling                                                                                                                                                                                                                                                                                                             | Set    |                                                    |
| 06   | <b>Insulating Parts</b>                                                                | Refurbishment of Insulating parts                                                                                                                                                                                                                                                                                                  | Job    |                                                    |
| 07   | <b>Tank Body</b>                                                                       | Cleaning, washing & removal of sludge articles, polluted oil from the Tank Body, upper & Lower Yoke cleaning, washing of radiators, fan motors, conservator tank & piping arrangements, New leads including all Minor works etc.                                                                                                   | Job    |                                                    |
| 08   | <b>Preparation, Disassembly &amp; Conducting of PRJI (pre-repair joint Inspection)</b> | Handling, Loading/Uploading<br>Preliminary Diagnostic Testing<br>Un-tanking the active parts<br>Removal of the Top cover & OLTC<br>Removal of the core frame top yoke lamination<br>Disassembly of windings & insulating parts including cutting HV, LV & RV leads<br>Conducting of PRJI & Customer's inspection team at the firm. | Job    |                                                    |
| 09   | <b>Assembly of Active Parts</b>                                                        | After drying/sizing of windings, assembled on the core limbs.<br>Assembly of the Upper Yoke Clamps<br>Fixing of the Top Cover<br>Assembly of OLTC<br>Manufacturing of New Leads & Its Assembly with OLTC<br>Stage Inspection & Testing of Active Part assembly                                                                     | Job    |                                                    |
| 10   | <b>Vapor Phase Drying of the Active Parts Assembly</b>                                 |                                                                                                                                                                                                                                                                                                                                    | Job    |                                                    |

| S.No                                         | Description                                                             |                                                                                                                                                                                                                                                                                                                                           | Qty   | Price offered including all applicable Taxes (PKR) |
|----------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|
| 11                                           | <b>Tanking of the Active Parts/Final Assembly &amp; Oil Circulation</b> | Final assembly of the active parts in Tank<br>Vacuuming of the Tank with Active Parts<br>Oil Filling/Filtering, Circulation in Tank<br>Assembly of HV Bushings, Instruments & accessories<br>Old T/F Oil to be filled in T/F then Dehydration Charges of T/F Oil<br>To meet 10% Dehydration allowance new T/F oil to be provided by PESCO | Job   |                                                    |
| 12                                           | <b>New Transformer Oil</b>                                              | New Transformer Oil (if provided by Workshop)                                                                                                                                                                                                                                                                                             | Liter |                                                    |
| 13                                           | <b>Testing</b>                                                          | All type of Testing during and after Repairs as per NTDC/WAPDA Specifications                                                                                                                                                                                                                                                             | Job   |                                                    |
| 14                                           | <b>Transportation</b>                                                   | Loading, unloading, assembly, and disassembly at the site & workshop (Before & after Repair); safe handling and transportation to the workshop; and return of the transformer to the PESCO-specified location after repairs.                                                                                                              | Job   |                                                    |
| 15                                           | <b>Fan Motors</b>                                                       | Repairing of Fan Motors                                                                                                                                                                                                                                                                                                                   | 01    |                                                    |
| <b>TOTAL PRICE INCLUDING ALL TAXES (PKR)</b> |                                                                         |                                                                                                                                                                                                                                                                                                                                           |       |                                                    |

**Note:-**

1. All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes.
2. Test results are attached as Annex for Power Transformers; the Actual Quantum of work will be decided after Proper Inspection of Joint inspection Committee written Report on Disassembly of Power Transformer.
3. PESCO reserves the right to utilize either the transportation services offered by the Bidder/ Manufacturer or arrange its own. If PESCO opts not to avail the Manufacturer's transport services, no transportation charges shall be payable under the work order.

**Stamp & Signature of Bidder**

## **ITEM# 5: PRICE SCHEDULE FORM**

**Item#5: Repair/ Reclamation of 132/11 KV, 20/26 MVA, Power Transformer Make Minel  
lying at 132 kV GSS Swat**

| S.No | Description                                                                            |                                                                                                                                                                                                                                                                                                                                    | Qty    | Price offered including all applicable Taxes (PKR) |
|------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------|
| 01   | <b><u>Windings</u></b>                                                                 | Manufacturing/ Repair of 01-No. HV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | Manufacturing/ Repair of 01-No. LV Winding with new insulation with same Copper conductor (Per Phase) including 05% New Copper Conductor (if required)                                                                                                                                                                             | 01     |                                                    |
|      |                                                                                        | New Copper Conductor (if required & Same Qty of the Old Copper will be Return to PESCO)                                                                                                                                                                                                                                            | Per kg |                                                    |
| 02   | <b><u>Insulation</u></b>                                                               | Replacement/ Repair of 01-No. HV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. LV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
|      |                                                                                        | Replacement/ Repair of 01-No. RV insulation including cylinders b/w windings, insulating angle rings & end rings with new one                                                                                                                                                                                                      | 01     |                                                    |
| 03   | <b>Gaskets</b>                                                                         | Replacement of all Gaskets                                                                                                                                                                                                                                                                                                         | Set    |                                                    |
| 04   | <b>Painting &amp; Kerosine Oil</b>                                                     | Painting of Body                                                                                                                                                                                                                                                                                                                   | Job    |                                                    |
| 05   | <b>Cabling</b>                                                                         | Replacement of cabling                                                                                                                                                                                                                                                                                                             | Set    |                                                    |
| 06   | <b>Insulating Parts</b>                                                                | Refurbishment of Insulating parts                                                                                                                                                                                                                                                                                                  | Job    |                                                    |
| 07   | <b>Tank Body</b>                                                                       | Cleaning, washing & removal of sludge articles, polluted oil from the Tank Body, upper & Lower Yoke cleaning, washing of radiators, fan motors, conservator tank & piping arrangements, New leads including all Minor works etc.                                                                                                   | Job    |                                                    |
| 08   | <b>Preparation, Disassembly &amp; Conducting of PRJI (pre-repair joint Inspection)</b> | Handling, Loading/Uploading<br>Preliminary Diagnostic Testing<br>Un-tanking the active parts<br>Removal of the Top cover & OLTC<br>Removal of the core frame top yoke lamination<br>Disassembly of windings & insulating parts including cutting HV, LV & RV leads<br>Conducting of PRJI & Customer's inspection team at the firm. | Job    |                                                    |
| 09   | <b>Assembly of Active Parts</b>                                                        | After drying/sizing of windings, assembled on the core limbs.<br>Assembly of the Upper Yoke Clamps<br>Fixing of the Top Cover<br>Assembly of OLTC<br>Manufacturing of New Leads & Its Assembly with OLTC<br>Stage Inspection & Testing of Active Part assembly                                                                     | Job    |                                                    |
| 10   | <b>Vapor Phase Drying of the Active Parts Assembly</b>                                 |                                                                                                                                                                                                                                                                                                                                    | Job    |                                                    |

| S.No                                         | Description                                                             |                                                                                                                                                                                                                                                                                                                                           | Qty   | Price offered including all applicable Taxes (PKR) |
|----------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|
| 11                                           | <b>Tanking of the Active Parts/Final Assembly &amp; Oil Circulation</b> | Final assembly of the active parts in Tank<br>Vacuuming of the Tank with Active Parts<br>Oil Filling/Filtering, Circulation in Tank<br>Assembly of HV Bushings, Instruments & accessories<br>Old T/F Oil to be filled in T/F then Dehydration Charges of T/F Oil<br>To meet 10% Dehydration allowance new T/F oil to be provided by PESCO | Job   |                                                    |
| 12                                           | <b>New Transformer Oil</b>                                              | New Transformer Oil (if provided by Workshop)                                                                                                                                                                                                                                                                                             | Liter |                                                    |
| 13                                           | <b>Testing</b>                                                          | All type of Testing during and after Repairs as per NTDC/WAPDA Specifications                                                                                                                                                                                                                                                             | Job   |                                                    |
| 14                                           | <b>Transportation</b>                                                   | Loading, unloading, assembly, and disassembly at the site & workshop (Before & after Repair); safe handling and transportation to the workshop; and return of the transformer to the PESCO-specified location after repairs.                                                                                                              | Job   |                                                    |
| 15                                           | <b>Fan Motors</b>                                                       | Repairing of Fan Motors                                                                                                                                                                                                                                                                                                                   | 01    |                                                    |
| <b>TOTAL PRICE INCLUDING ALL TAXES (PKR)</b> |                                                                         |                                                                                                                                                                                                                                                                                                                                           |       |                                                    |

**Note:-**

1. All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes.
2. Test results are attached as Annex for Power Transformers; the Actual Quantum of work will be decided after Proper Inspection of Joint inspection Committee written Report on Disassembly of Power Transformer.
3. PESCO reserves the right to utilize either the transportation services offered by the Bidder/ Manufacturer or arrange its own. If PESCO opts not to avail the Manufacturer's transport services, no transportation charges shall be payable under the work order.

**Stamp & Signature of Bidder**