



BHARAT HEAVY ELECTRICALS LIMITED

RAMACHANDRAPURAM :: HYDERABAD-32
TOWNSHIP ADMINISTRATION DEPT.

TENDER DOCUMENTS (PRICE BID)

Repair / Rewinding & oil-filtration of 2 nos. of 250 kVA transformers.

Tender Notice : HY/TA/E/OT-01/2021-22, Dt. 06.05.2021 (NOAUX00140)

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1. Schedule - A : Schedule of rates and approximate quantities

NAME & ADDRESS OF TENDERER:

PHONE NO. : _____

E-mail : _____

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD - 32
TOWNSHIP ADMINISTRATION / ELECTRICAL DEPARTMENT

Tender No.: HY/TA/E/OT-01/2021-22
Date : 06.05.2021
(NOAUX00140)

SCHEDULE - 'A'**Repair / Rewinding & oil-filtration of 2 nos. of 250 kVA transformers.**

| Sl. No. | SAC Code | Nature of work | Unit | Qty. | Rate | Amount (Rs.) |
|---------|----------|--|---------------|------|--------------------------------|--------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1 | 998719 | 250 KVA, 11000 KV/433V Distribution Transformer unloading, Oil draining from tank, Removing HV & LV bushing connections, Opening the top cover, Removing Core Coil Assembly (CCA) from tank. | Activity Unit | 2 | 3,200.00 | 6,400.00 |
| 2 | 998719 | Dismantling & unwinding of HV & LV Coils as required. | Activity Unit | 2 | 3,600.00 | 7,200.00 |
| 3 | 998719 | Supply of Double Paper Covered Al. conductors for preparation of coils for HV & LV windings as required (Cost after retaining the salvage). | Activity Unit | 2 | 30,400.00 | 60,800.00 |
| 4 | 998719 | Preparation of new coils for LV windings (all 3 limbs) | Activity Unit | 2 | 7,200.00 | 14,400.00 |
| 5 | 998719 | Preparation of new coils for HV windings (all 3 limbs) | Activity Unit | 2 | 12,400.00 | 24,800.00 |
| 6 | 998719 | Re-assemble of coils, yoke filling, Lead connections with brazing the joints including supply & fixing of Copper Flat wherever required. | Activity Unit | 2 | 10,000.00 | 20,000.00 |
| 7 | 998719 | Drying the CCA in heating oven for 2-3 days or until getting good IR values | Activity Unit | 2 | 14,400.00 | 28,800.00 |
| 8 | 998719 | Supply of new insulation like press boards, insulation crepe paper tapes, runners, 70C gaskets & oil seals complete for re-assembling of transformer. | Activity Unit | 2 | 7,600.00 | 15,200.00 |
| 9 | 998719 | Tank flush out with hot oil jet, re-assembling the CCA in the tank and all fixing other accessories, | Activity Unit | 2 | 2,800.00 | 5,600.00 |
| 10 | 998719 | Filling new oil & filtration with high vacuum filter machine. (Transformer oil will be supplied by BHEL) | Activity Unit | 2 | 3,600.00 | 7,200.00 |
| 11 | 998719 | Testing for the following parameters before and after rewinding of the transformer and submit test reports: (a) Insulation Resistance, (b) Polarization Index, (c) Turns Ratio, (d) Magnetic Balance, (e) Winding Resistance, (f) Open Circuit Test, (g) Short Circuit Test | Activity Unit | 2 | 6,000.00 | 12,000.00 |
| 12 | 998719 | cleaning & painting the transformer etc. | Activity Unit | 2 | 3,600.00 | 7,200.00 |
| 13 | 998719 | To & fro transportation charges for the Transformer & oil drums to vendor works including charges for loading & unloading by engaging a crane. | Activity Unit | 2 | 3,200.00 | 6,400.00 |
| | | | | | GRAND TOTAL | 2,16,000.00 |

Note:- The tenderers are required to quote their tender value on %age basis at Excess / Less / on par with estimated value.

| Tender % | In Words | In Figures |
|--------------------|----------|------------|
| Excess | | |
| Less | | |
| Estimate rate only | | |

| Sl. No. | SAC Code | Nature of work | Unit | Qty. | Rate | Amount (Rs.) |
|---------|----------|----------------|------|------|------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |

Conditions :

| | |
|---|---|
| 1 | Taxes & Duties: The rate quoted by the contractor shall be exclusive of GST. All the terms & conditions of the contract with respect to Taxes & Duties are subject to the new taxation laws introduced from time to time (e.g., GST). The terms & conditions will be modified in accordance with the provisions of new laws (e.g., GST). |
| 2 | Contract Period & Maintenance Period: Period of contract : One (1) month from the date of commencement Maintenance period : Six (6) months from the date of completion |
| 3 | Penalty: Penalty amount determined as per penalty clause (as mentioned in pg. 5 of NIT) of the contract along with GST if applicable thereon shall be recovered. |