

Tender for Operations and maintenance



Information

|                             |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| <b>RFx number:</b>          | 7000014193                                                                     |
| <b>Publication:</b>         | Public RFx                                                                     |
| <b>Version:</b>             | 1                                                                              |
| <b>RFx Name:</b>            | O/H OF 245KV CGL CB AT 400/220KV WRR-2ND                                       |
| <b>Tender Subject:</b>      | WORK OF MECHANISM OVERHAULING OF 245KV CB (MAKE-CGL)<br>(TYPE-200-SFM-40S) AND |
| <b>Bid Submission:</b>      | 29.10.2019                                                                     |
| <b>Funded By:</b>           |                                                                                |
| <b>Tender Fee Inc. GST:</b> | 525.00 ₹                                                                       |
| <b>Estimated Cost:</b>      | 2,500,000.00 ₹                                                                 |
| <b>Basis of Prices:</b>     |                                                                                |
| <b>Percent Based Bid:</b>   | Yes                                                                            |
| <b>EMD Cost:</b>            | 25,000.00 ₹                                                                    |
| <b>Tech Bid Open:</b>       | 29.10.2019 11:00:00                                                            |
| <b>Price Bid Open:</b>      | 29.10.2019 15:00:00                                                            |
| <b>Contact Person:</b>      | EE-8554993188 & DYEE-8554993202                                                |

Additional Requested Information:

- a)#Average Annual financial turnover during the last 03 years, ending 31st March of the previous financial year, should be at least 50 % of the estimated cost. Submit ONLY turnover certificate of C.A. (essential).
- b)#Experience of having successfully completed similar works amounting to 60% of the estimated cost in maximum 3 orders during last 5 years ending last day of month previous to the one in which applications are invited
- c)#Proof of Goods & Service Tax Registration (GSTIN Registration) if applicable.
- d)#Copy of PAN card
- e)#Proof of Registration of Firm under Bombay shop & Establishment Act.
- f)#Copy of SSI/NSIC Certificate with Memorandum (if applicable).The Registration Certificate as submitted by Micro and Small Enterprises should be VALID on the date of submission of bid and the validity of the same should be certified by the Chartered Acc
- g)#Income Tax Returns of last any 03 years (2018-19/2016-17/2017-18).
- h)#Valid solvency certificate equivalent to an amount not less than 25 % of the estimated cost of works from scheduled / nationalized bank
- i)#Authorisation letter from CGL for participation in tender
- j)#Undertaking of contractor as per Annexure B should be submitted.
- k)#Proof of Registration under Provident fund Act with challan paid for any of the last 06 months (If applicable)
- l)#Valid Electrical contractor license
- m)#Valid insurance of Labour / ESIC if applicable.

Attachments:

- TENDER DETAIL - E-TENDER

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## Information

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Version: 1

## RFx Details:

( \*Amount in ₹)

| Item | Item category<br>Product no. | HSN/SA<br>C No. | Description                                                                                                                                                                                                                                                                                  | Qty         | Unit Rate | Amount    |
|------|------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|-----------|
| 1    | Outline                      | 998736          | O/H OF 245KV CGL CB AT 400/220KV<br>S/S WRR                                                                                                                                                                                                                                                  | 1.000<br>AU | --        | 607818.00 |
| 1.AA | Service<br>50003994          | 998736          | Overhauling of 220kV CB Mechanism<br>Overhauling Charges for mechanism<br>of 245KV CB (Make-CGL) TYPE<br>200-SFM-40S (Spring-Spring) &<br>200-SFM-40B (Spring-Pneumatic)<br>for attending the problems in 220KV<br>CB's at 400/220KV S/S, Warora<br>under 400KV S/S O&M Division,<br>Warora. | 6.000<br>EA | 101303.00 | 607818.00 |
| 2    | Material<br>500021102        | 85389000        | 245kV CB Limit Switch<br>245 kV Circuit Breaker Limit Switch                                                                                                                                                                                                                                 | 1.000<br>EA | 2252.50   | 2252.50   |
| 3    | Material<br>500004086        | 85389000        | O Ring P-18<br>O RING P18 FOR CIRCUIT<br>BREAKER                                                                                                                                                                                                                                             | 1.000<br>EA | 413.55    | 413.55    |
| 4    | Material<br>500017681        | 85389000        | O Ring P-12<br>O Ring P-12                                                                                                                                                                                                                                                                   | 1.000<br>EA | 413.55    | 413.55    |
| 5    | Material<br>500008442        | 85389000        | 245kV CB Circlips, Split Pin, Dowel pin<br>245 kV CB circlips, split pin, dowel<br>pin                                                                                                                                                                                                       | 1.000<br>EA | 1548.15   | 1548.15   |
| 6    | Material<br>500006574        | 85389000        | 250gm Darina Grease<br>Darina Grease 250gm                                                                                                                                                                                                                                                   | 1.000<br>EA | 864.06    | 864.06    |
| 7    | Material<br>500022427        | 85389000        | 245kV CB Trip Holding Latch                                                                                                                                                                                                                                                                  | 1.000<br>EA | 12201.65  | 12201.65  |
| 8    | Material<br>500007111        | 85389000        | 245kV CB 220V DC Tripping Coil (CGL)                                                                                                                                                                                                                                                         | 1.000<br>EA | 5631.26   | 5631.26   |
| 9    | Material<br>500022413        | 85389000        | 245kV CB Closing Holding Latch                                                                                                                                                                                                                                                               | 1.000<br>EA | 7227.08   | 7227.08   |
| 10   | Material<br>500007105        | 85389000        | 220V DC Closing Coil -245kV CB (CGL)                                                                                                                                                                                                                                                         | 1.000<br>EA | 5631.26   | 5631.26   |
| 11   | Material<br>500014928        | 85389000        | Closing Trigger (CGL)<br>Closing Trigger (CGL)                                                                                                                                                                                                                                               | 1.000<br>EA | 7696.64   | 7696.64   |
| 12   | Material<br>500020908        | 85389000        | 245kV SF6 CB Tripping Trigger wt Bearing<br>245kV SF6 CB Tripping Trigger with<br>Bearing                                                                                                                                                                                                    | 1.000<br>EA | 7132.92   | 7132.92   |
| 13   | Material<br>500013221        | 85389000        | 245kV CB Small Pawl Assy wt Bush<br>245 kV CB Small Pawl Assembly<br>with Bush                                                                                                                                                                                                               | 1.000<br>EA | 9573.73   | 9573.73   |
| 14   | Material<br>500013220        | 85389000        | 245kV CB Big Pawl Assy wt Bush<br>245 kV CB Big Pawl Assembly with<br>Bush                                                                                                                                                                                                                   | 1.000<br>EA | 9854.99   | 9854.99   |

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|------|------------------------------|-----------------|---------------------------------------------------------------------------------------------|-------------|-----------|---------|
| 15   | Material<br>500021007        | 85389000        | 245kV SF6 CB Anti Pumping Lever<br>245kV SF6 CB Anti Pumping Lever                          | 1.000<br>EA | 3378.75   | 3378.75 |
| 16   | Material<br>500004098        | 85389000        | 245kV SF6 CB SF6 GAS PRESSURE<br>GAUGE<br>GAS PRESSURE GAUGE                                | 1.000<br>EA | 6382.09   | 6382.09 |
| 17   | Material<br>500001472        | 85381010        | Thermostat<br>THERMOSTAT                                                                    | 1.000<br>EA | 2158.35   | 2158.35 |
| 18   | Material<br>500022417        | 85389000        | 245kV CB Eccentric Shalt Bearing Front                                                      | 1.000<br>EA | 5330.92   | 5330.92 |
| 19   | Material<br>500022416        | 85389000        | 245kV CB Eccentric Shaft Bearing Back                                                       | 1.000<br>EA | 3191.64   | 3191.64 |
| 20   | Material<br>500022424        | 85389000        | 245kV CB Thrust Bearing                                                                     | 1.000<br>EA | 985.62    | 985.62  |
| 21   | Material<br>500022426        | 85389000        | 245kV CB Thrust Washer Thin                                                                 | 1.000<br>EA | 544.65    | 544.65  |
| 22   | Material<br>500022425        | 85389000        | 245kV CB Thrust Washer Thick                                                                | 1.000<br>EA | 1595.82   | 1595.82 |
| 23   | Material<br>500022414        | 85389000        | 245kV CB Closing Spring Rod Bearing                                                         | 1.000<br>EA | 2816.22   | 2816.22 |
| 24   | Material<br>500022415        | 85389000        | 245kV CB Closing Spring Rod Bush                                                            | 1.000<br>EA | 985.62    | 985.62  |
| 25   | Material<br>500022411        | 85389000        | 245kV CB Black Bolt Brass Washer                                                            | 1.000<br>EA | 94.15     | 94.15   |
| 26   | Material<br>500022412        | 85389000        | 245kV CB Catch Spring                                                                       | 1.000<br>EA | 150.17    | 150.17  |
| 27   | Material<br>500022418        | 85389000        | 245kV CB L H Torsion Spring                                                                 | 1.000<br>EA | 469.57    | 469.57  |
| 28   | Material<br>500022419        | 85389000        | 245kV CB R H Torsion Spring                                                                 | 1.000<br>EA | 469.57    | 469.57  |
| 29   | Material<br>500004105        | 85389000        | 245kV CB 4P TNC Switch<br>TNC SWITCH                                                        | 1.000<br>EA | 2816.22   | 2816.22 |
| 30   | Material<br>500008447        | 85389000        | 245kV CB Space Heater<br>245 kV CB Space Heater                                             | 1.000<br>EA | 891.47    | 891.47  |
| 31   | Material<br>500006292        | 85389000        | Front Door Gasket (M)<br>Front door gasket (M)                                              | 1.000 m     | 6006.67   | 6006.67 |
| 32   | Material<br>500004090        | 85389000        | 245kV SF6 CB Motor Contactor<br>88 ACM MOTOR CONTACTOR                                      | 1.000<br>EA | 4410.85   | 4410.85 |
| 33   | Material<br>500002246        | 85389000        | 2P 32A 220V DC MCB<br>2 Pole 32A 220V DC MCB                                                | 1.000<br>EA | 1501.67   | 1501.67 |
| 34   | Material<br>500007881        | 85389000        | 245kV CB Aux Contactor wt Add on block<br>245kV CB Auxiliary Contactor with<br>Add on block | 1.000<br>EA | 4410.85   | 4410.85 |
| 35   | Material<br>500014929        | 85389000        | Emry Pad<br>Emry Pad                                                                        | 1.000<br>EA | 56.01     | 56.01   |

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|------|------------------------------|-----------------|--------------------------------|--------------|-----------|----------|
| 36   | Material<br>500007966        | 84149090        | 245kV CB Spring Charging Motor | 1.000<br>EA  | 15204.98  | 15204.98 |
| 37   | Material<br>500004755        | 85389000        | 10gm Three Bond Compound       | 1.000<br>PAC | 413.55    | 413.55   |

( \*Unit Rate mentioned is inclusive of all taxes)

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Annexure - I

(\* NR is for Invalid Condition)

| Item | Product No. | HSN/SAC  | GST App. in % | Item type | Conditions* |
|------|-------------|----------|---------------|-----------|-------------|
| 1    |             | 998736   | 18.00         | E         |             |
| 1.AA | 50003994    | 998736   | 18.00         | E         | EXW,        |
| 2    | 500021102   | 85389000 | 18.00         | S         | EXW,        |
| 3    | 500004086   | 85389000 | 18.00         | S         | EXW,        |
| 4    | 500017681   | 85389000 | 18.00         | S         | EXW,        |
| 5    | 500008442   | 85389000 | 18.00         | S         | EXW,        |
| 6    | 500006574   | 85389000 | 18.00         | S         | EXW,        |
| 7    | 500022427   | 85389000 | 18.00         | S         | EXW,        |
| 8    | 500007111   | 85389000 | 18.00         | S         | EXW,        |
| 9    | 500022413   | 85389000 | 18.00         | S         | EXW,        |
| 10   | 500007105   | 85389000 | 18.00         | S         | EXW,        |
| 11   | 500014928   | 85389000 | 18.00         | S         | EXW,        |
| 12   | 500020908   | 85389000 | 18.00         | S         | EXW,        |
| 13   | 500013221   | 85389000 | 18.00         | S         | EXW,        |
| 14   | 500013220   | 85389000 | 18.00         | S         | EXW,        |
| 15   | 500021007   | 85389000 | 18.00         | S         | EXW,        |
| 16   | 500004098   | 85389000 | 18.00         | S         | EXW,        |
| 17   | 500001472   | 85381010 | 18.00         | S         | EXW,        |
| 18   | 500022417   | 85389000 | 18.00         | S         | EXW,        |
| 19   | 500022416   | 85389000 | 18.00         | S         | EXW,        |
| 20   | 500022424   | 85389000 | 18.00         | S         | EXW,        |
| 21   | 500022426   | 85389000 | 18.00         | S         | EXW,        |
| 22   | 500022425   | 85389000 | 18.00         | S         | EXW,        |
| 23   | 500022414   | 85389000 | 18.00         | S         | EXW,        |
| 24   | 500022415   | 85389000 | 18.00         | S         | EXW,        |
| 25   | 500022411   | 85389000 | 18.00         | S         | EXW,        |
| 26   | 500022412   | 85389000 | 18.00         | S         | EXW,        |
| 27   | 500022418   | 85389000 | 18.00         | S         | EXW,        |
| 28   | 500022419   | 85389000 | 18.00         | S         | EXW,        |
| 29   | 500004105   | 85389000 | 18.00         | S         | EXW,        |
| 30   | 500008447   | 85389000 | 18.00         | S         | EXW,        |
| 31   | 500006292   | 85389000 | 18.00         | S         | EXW,        |
| 32   | 500004090   | 85389000 | 18.00         | S         | EXW,        |
| 33   | 500002246   | 85389000 | 18.00         | S         | EXW,        |
| 34   | 500007881   | 85389000 | 18.00         | S         | EXW,        |

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|------|-------------|----------|---------------|-----------|-------------|
| 35   | 500014929   | 85389000 | 18.00         | S         | EXW,        |
| 36   | 500007966   | 84149090 | 18.00         | S         | EXW,        |
| 37   | 500004755   | 85389000 | 18.00         | S         | EXW,        |

(\* PFQ -> Packing and Forwarding Per Quantity      FRQ-> Freight Per Quantity      FR%-> Freight in Percentage,  
EXW ->Ex-Works (Basic Price),      PFP-> Packing and Forwarding in Percentage,      INQ-> Insurance Per Quantity,  
INP -> Insurance in Percentage,      DISCQ-> Discount Per Quantity,      DISCP->Discount in Percentage )