

TENDER
FOR

SUPPLY, INSTALLATION, TESTING &
COMMISSIONING OF ELEVATORS,
SECRETARIAT, CAPITOL COMPLEX
NAYA RAIPUR, CHHATTISGARH

VOLUME III

PRICE BID

(To Be Submitted With Envelope # 2)

NOVEMBER 2009

Tender No.____/CEO/NRDA/2009-10

| SUMMARY OF ELEVATORS WITH & WITHOUT MACHINE ROOM | | |
|--|----------------------------------|---------------|
| PART OF B.O.Q. | DESCRIPTION | AMOUNT |
| Section - A | Elevator With Machine Room | |
| Section - B | Elevator Without Machine Room | |
| GRAND TOTAL - SUB-TOTALS 'A' TO 'B' | | |
| Amount in Words | | |

| PART - A - BILL OF QUANTITIES - ELEVATORS WITH MACHINE ROOM | | | | | |
|--|---|-----|------|---------------|-----------------|
| All items of BOQ shall be read in conjunction with the technical specifications. | | | | | |
| Sr.No. | Description | Qty | Unit | Rate (Rs.) | Amount (Rs.) |
| 1 | <u>ELEVATORS:</u> Supply, installation, testing, commissioning and handing over of the bank of elevators including obtaining necessary approvals and Licence to operate from the appropriate local authority (Otis 300VF INFINITY or approved equivalent) Elevators as per specifications and as follows : | | | | |
| a | Load - 884 kg. (13 persons) | | | | |
| b | Speed - 1.5 mps | | | | |
| c | Power Supply - 400Volts, 3 Phase, 4 wires, 50Hz, Alternating current | | | | |
| d | Control - A.C. variable voltage variable frequency (with closed loop) | | | | |
| e | Operation - Duplex full collective with/ without attendant | | | | |
| f | Machine - Geared placed directly above the shaft | | | | |
| g | Car Size (WxD)mm - about 2000 (wide) x 1100 (deep) x 2400mm (ht) clear internal dimensions | | | | |
| h | Hoistway available - about 2500 (wide) x 1800 (deep)mm clear internal dimensions | | | | |
| i | Car Panels - Stainless steel 316 car with panels in hairline finish, A2 type 6mm thk stainless steel 316 handrail in hairline finish. | | | | |
| j | False Ceiling - CD 35SS | | | | |
| k | Flooring - 20mm thk granite as approved by architect | | | | |
| l | Car Entrance - Stainless steel 316 centre opening door in hairline finish | | | | |
| m | Hoistway entrances - stainless steel 316 centre opening doors in hairline finish at all landing floors | | | | |
| n | Size (WxH)mm - Clear opening about 900 x 2100mm high | | | | |
| o | Door Operation - Automatic VF door operator & electronic door protection device | | | | |
| p | Signal - - Combined hall button with 7 segment digital displays at all floors - Battery operated alarm bell & emergency light - Fireman's switch at main lobby - Car chime, voice synthesizer - Intercom, LCD display at all floors - Emergency power operation | | | | |
| q | Machine Rm Dimensions - clear size of 4000 x 4300 x 2500mm | | | | |
| r | Overhead - 4800 mm min | | | | |
| s | Car Operating panels - Spec 90 | | | | |
| t | Displays - Rollovision (LCD display) | | | | |
| u | Position Indicators - Spec 90 | | | | |
| v | Hall Lanterns - Spec 90 (with position indicators) All signal fixtures in hairline stainless steel 316 faceplates | | | | |
| i) | Elevators to be provided as follows : Number of Stops - Six Travel - 21.9 mt (approx.) | 2 | Nos | | |

| Sr.No. | Description | Qty | Unit | Rate (Rs.) | Amount (Rs.) |
|---|--|-----|------|---------------------|-----------------|
| Rate in words | | | | | |
| ii) | Number of Stops - Five Travel - 17.4 mt (approx.) | 4 | Nos | | |
| Rate in words | | | | | |
| iii) | Number of Stops - Four Travel - 13.5 mt (approx.) | 3 | Nos | | |
| Rate in words | | | | | |
| GRAND TOTAL OF ELEVATORS PART A | | | | Rs. | |
| Amount in words | | | | | |
| A | <u>COMMERCIAL:</u> | | | | |
| 1 | Rate shall include costs for Supply, Installation, Testing & Commissioning (SITC) of Elevators, complete in all respect including cost of comprehensive AMC & Defect Liability Period of 36 months after the testing & commissioning including Consumables, all applicable Taxes, Duties, Octroi, Transport, Loading & Unloading charges, VAT, Service Tax, etc. | | | | |
| 2 | Rate shall include cost for obtaining approvals from local Statutory Authority, if applicable, and will be in the Contractor's scope. | | | | |
| 3 | Tenders shall be submitted along with their respective details listed herein above, along with their company profile & list of works done. | | | | |
| B | <u>STAGES OF PAYMENT:</u> | | | | |
| 1 | The following payment will be made on Supply, Installation, Testing & Commissioning (SITC) after deducting retention money. | | | | |
| 2 | Payment for Elevator shall be made as follows: | | | | |
| | Stages of payment of SITC, as a % cost of the total cost quoted for the item | | | % of Payment | |
| a | As advance against receipt of bank guarantee (in approved proforma) for equivalent amount. | | | 15% | |
| b | On approval of shop drawings. | | | 5% | |
| c | After delivery of all equipments at site. | | | 55% | |
| d | After testing and commissioning at site and receipt of performance bank guarantee (in approved proforma) for equivalent amount valid for 36 months. | | | 10% | |
| e | On satisfactory completion of each quarter of annual maintenance & operations contract to be paid in 12 equal installments due every 3 months for the next three years. | | | 15% | |
| All above rates shall be inclusive of: Cost for comprehensive AMC & operation for three years on comprehensive basis shall be covered in the quoted rates. | | | | | |

PART - B - BILL OF QUANTITIES - ELEVATORS WITHOUT MACHINE ROOM

All items of BOQ shall be read in conjunction with the technical specifications.

| Sr.No. | Description | Qty | Unit | Rate | Amount |
|--------|---|-----|------|-------|--------|
| | | | | (Rs.) | (Rs.) |
| 1 | <u>ELEVATORS:</u> Supply, installation, testing, commissioning and handing over of the bank of elevators including obtaining necessary approvals and Licence to operate from the appropriate local authority (Otis GeN2-Regen or approved equivalent) Elevators as per specifications and as follows : | | | | |
| a | Load - 1000 kg. (15 persons) | | | | |
| b | Speed - 1.5 mps | | | | |
| c | Power Supply - 415Volts, 3 Phase, 4 wires, 50Hz, Alternating current | | | | |
| d | Control - A.C. variable voltage variable frequency (with closed loop) | | | | |
| e | Operation - Grouping full collective with/ without attendant | | | | |
| f | Machine - Gearless placed directly above the shaft | | | | |
| g | Car Size (WxD)mm - about 1600 (wide) x 1400 (deep) x 2400mm (ht) clear internal dimensions | | | | |
| h | Hoistway available - about 2250 (wide) x 1800 (deep)mm clear internal dimensions | | | | |
| i | Car Panels - Stainless steel in hairline finish, A2 type 6mm thk shaped stainless steel 316 handrail in hairline finish. | | | | |
| j | False Ceiling - CL 52 | | | | |
| k | Flooring - 20mm thk granite as approved by | | | | |
| l | Car Entrance - Stainless steel centre opening door in hairline finish | | | | |
| m | Hoistway entrances - stainless steel opening doors in hairline finish at all landing floors | | | | |
| n | Size (WxH)mm - Clear opening about 900 x 2100mm high | | | | |
| o | Door Operation - Automatic VF door operator & electronic door protection device | | | | |
| p | Signal - Combined hall button with 16 segment digital displays at all floor levels - Battery operated alarm bell & emergency light - Fireman's switch at main lobby - Car chime, voice synthesizer - Intercom, LCD display at all floors - Emergency power operation | | | | |
| q | Overhead - 4100 mm | | | | |
| r | Car Operating panels - 16 segment luminous Display | | | | |
| s | Displays - Rollovision (LCD display) | | | | |
| t | Position Indicators - 16 segment luminous Display | | | | |
| u | Hall Lanterns - with position indicators | | | | |
| v | All signal fixtures in hairline stainless steel faceplates | | | | |

| Sr.No. | Description | Qty | Unit | Rate | Amount |
|---|--|-----|------|---------------------|--------|
| | | | | (Rs.) | (Rs.) |
| | Elevators to be provided as follows : | | | | |
| i) | Number of Stops - Six Travel - 21.9 mt (approx.) | 3 | Nos | | |
| Rate in words | | | | | |
| GRAND TOTAL OF ELEVATORS PART B | | | | | |
| | | | | Rs. | |
| Amount in words | | | | | |
| A | <u>COMMERCIAL:</u> | | | | |
| 1 | Rate shall include costs for Supply, Installation, Testing & Commissioning (SITC) of Elevators, complete in all respect including cost of comprehensive AMC & Defect Liability Period of 36 months after the testing & commissioning including Consumables, all applicable Taxes, Duties, Octroi, Transport, Loading & Unloading charges, VAT, Service Tax, etc. | | | | |
| 2 | Rate shall include cost for obtaining approvals from local Statutory Authority, if applicable, and will be in the Contractor's scope. | | | | |
| 3 | Tenders shall be submitted along with their respective details listed herein above, along with their company profile & list of works done. | | | | |
| B | <u>STAGES OF PAYMENT:</u> | | | | |
| 1 | The following payment will be made on Supply, Installation, Testing & Commissioning (SITC) after deducting retention money. | | | | |
| 2 | The terms of payment shall be as follows: | | | | |
| | Stages of payment of SITC, as a % cost of the total cost quoted for the item | | | % of Payment | |
| a | As advance against receipt of bank guarantee (in approved proforma) for equivalent amount. | | | 15% | |
| b | On approval of shop drawings. | | | 5% | |
| c | After delivery of all equipments at site. | | | 55% | |
| d | After testing and commissioning at site and receipt of performance bank guarantee (in approved proforma) for equivalent amount valid for 36 months. | | | 10% | |
| e | On satisfactory completion of each quarter of annual maintenance & operations | | | 15% | |
| All above rates shall be inclusive of: Cost for comprehensive AMC & operation for three years on comprehensive basis shall be covered in the quoted rates. | | | | | |